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R. F. JOHNSTONE, Editor.

READ THE PROSPECTUS
of the
WEEKLY MICHIGAN FARMER
on the
First page of the Cover

THE MICHIGAN FARMER.

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Advertisements.

All advertisements for the Farmer must be sent forward so as to reach us by the 20th of each month.

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LIST OF PREMIUMS

Awarded at the Tenth Annual Fair of the
MICHIGAN STATE AGRICULTURAL SOCIETY.

Division A—Cattle.

CLASS 1—SHORT HORNS.

76 Best bull 4 years or over, D M Uhl, Ypsilanti.....	\$12
204 2d do D F Dwight, Detroit.....	10
103 3d do J Starkweather, Ypsilanti.....	8
169 Best bull 3 years, Findley McHardy, Almont.....	10
188 2d do H J Heydenburgh, Kalamazoo.....	8
198 3d do Lewis Potts, Clinton.....	6
158 Best bull 2 years, J B Crippen, Coldwater.....	8
143 2d do A S Brooks, Novi.....	6
34 Best bull 1 year, S Sly and Sons, Plymouth.....	7
99 2d do B Loveman, Owosso.....	5
98 3d do Ira H Butterfield, Utica.....	3
49 Best bull calf, S Sly and Sons, Plymouth.....	5
154 2d do S W Dexter, Dexter.....	4
194 3d do Thos Briggs, Clinton.....	3
193 Best cow 5 years or over, Thos Briggs, Clinton.....	10
25 2d do S Sly and Sons, Plymouth.....	8
161 3d do J B Crippen, Coldwater.....	6
162 Best cow four years, J B Crippen, Coldwater.....	10
153 2d do S W Dexter, Dexter.....	8
37 3d do S Sly and Sons, Plymouth.....	5
39 Best cow 3 years, S Sly and Sons, Plymouth.....	10
78 2d do D M Uhl, Ypsilanti.....	8
144 3d do A S Brooks, Novi.....	5
41 Best 2 year heifer, S Sly and Sons, Plymouth.....	8
79 2d do D M Uhl, Ypsilanti.....	6
25 3d do M L Brooks, Northville.....	4
43 Best 1 year heifer, S Sly and Sons, Plymouth.....	7
146 2d do A S Brooks, Novi.....	6
80 3d do D M Uhl, Ypsilanti.....	3
46 Best heifer calf, S Sly and Sons, Plymouth.....	6
163 2d do J B Crippen, Coldwater.....	6
27 3d do M L Brooks, Northville.....	3

Cow No. 159, 5 years old having taken the first premium last year, she could not compete for premiums during this exhibition, we would therefore recommend a Diploma.

Your Committee being unable to agree upon the merits of the Bulls 2 years old, would recommend that there be a new Committee appointed to examine the same.

H. A. TILLOTSON, Chairman.

No. 100, Chas Dusenbury, Troy, Oakland Co., one 2 year old bull, is a very fine animal, but from want of an authenticated pedigree, was ruled out. The committee, however, recommend a Discretionary premium.

E. O. HUMPHREY, Chairman.

CLASS 2—DEVONS.

106 Best bull 4 years old or over, J W Childs, Augusta.....	\$12
170 2d do C H Williams, Coldwater.....	10
88 3d do L. Drake, Utica.....	8
69 Best bull 3 years o'd, J Ballard & Sons, Niles.....	10
87 Best bull 2 years old, Thos Fenn, Birmingham.....	8
184 2d do C H Williams, Coldwater.....	6
114 Best bull 1 year old, Jno Allen, Coldwater.....	7
30 2d do Calvin Pierce, Disco.....	5
171 Best cow 5 years old and over, C H Williams, Coldwater.....	10
109 2d do Jno Allen, Coldwater.....	8
172 3d do C H Williams, Coldwater.....	6
111 Best cow 4 years old, Jno Allen, Coldwater.....	10
31 Best cow 3 years old, Calvin Pierce, Disco.....	10
112 2d do Jno Allen, Coldwater.....	8
73 3d do J Ballard & Sons, Niles.....	6
70 Best 2 year old heifer, J Ballard & Sons, Niles.....	8
113 2d do Jno Allen, Coldwater.....	6
177 3d do C H Williams, Coldwater.....	4
116 Best yearling heifer, Jno Allen, Coldwater.....	7
179 2d do C H Williams, Coldwater.....	5
178 3d do C H Williams, Coldwater.....	3

118	Best heifer calf, Jno Allen, Coldwater,	\$5
180 2d	do C H Williams, Coldwater,	4
58 3d	do Calvin Pierce, Disco,	3
117	Best Bull Calf, Jno Allen, Coldwater,	4
188 2d	do C H Williams, Coldwater,	4
119 3d	do Jno Allen, Coldwater,	3

Payne K. Leach, J. R. Grosvenor, S. M. Bartlett,
L. O. Goddard, H. Sly, Saml. Lyndon,

CLASS 3—HEREFORDS.

94	Best bull 3 years old, Thos Aston, Elyria, Ohio,	\$10
156	Best bull 2 years old, O M Bowen, Lima,	8
95	Best bull 1 year old, Thos Aston, Elyria, Ohio,	7
167	Best bull calf, O M Bowen, Lima,	8
96	Best cow 5 years old, Thos Aston, Elyria, Ohio,	10
165 2d	do O M Bowen, Lima,	8
97	Heifers 2 years old, Thos Aston, Elyria, Ohio,	8

CLASS 6—CROSS OF BLOOD CATTLE.

132	Best cow 5 years or over, C W Greene, Farmington,	\$10
127 2d	do C W Greene, Farmington,	8
138 3d	do C W Greene, Farmington,	6
140	Best cow 3 years and under 5, C W Greene, Farmington,	8
189 2d	do W A Hall, Clinton,	7
166	Best heifer 2 years, J H Arms, Dexter,	7
142	Best heifer 1 year, C W Greene, Farmington,	7
141 2d	do C W Greene, Farmington,	4

J. D. Yerkes, J. B. Arms, E. Arnold.

CLASS 7—GRADE & NATIVE.

1	Best cow 5 years old, John H Button, Farmington,	\$10
181 2d	do Joseph Tireman, Detroit,	8
123 3d	do Joseph Tireman, Detroit,	8
88	Best cow 3 years old, J Tolson, Farmington,	6
121 2d	do T Hopson, Detroit,	6
67 3d	do S Sly and Son, Plymouth,	4
90	Best heifer 2 years old, W H Stout, Troy,	7
61 2d	do S Sly and Son, Plymouth,	6
2 3d	do John H Button, Farmington,	5
184	Best heifer 1 year old, James Connolly, Marshall,	5
14 2d	do B P Wixon, Farmington,	5
126 3d	do Joseph Tireman, Detroit,	2
135	Best heifer calf, James Connolly, Marshall,	4
92 2d	do Wm H Stout, Troy,	3
108 3d	do Robt Rumney, Hamtramck,	1

G. T. McKenzie, Wm. Wilson, B. Pierson.

No. 83, Lady of the Lake, exhibited by D M Uhl, of Ypsilanti, through mistake was displaced, and could not come into competition. The Committee, however, think her one worthy of the favorable consideration of the Executive Committee for a Diploma.

CLASS 8—WORKING OXEN.

186	Best yoke working oxen 4 yrs, C W Green, Farmington	\$10
3 2d	do J H Button, Farmington,	8
107 3d	do R Rumney, Hamtramck,	5
4	Best 5 yoke 4 yrs, from 1 Co, J H Button, Farmington,	15

Eber Durham, John Norton,

CLASS 9—STEERS.

101	Best yoke of steers 4 years, J Starkweather, Ypsilanti,	\$10
8 2d	do B P Wixon, Farmington,	8
181 3d	do Jas Smith, Greenfield,	6
5	Best Yoke of steers 3 years, J H Button, Farmington,	9
16 2d	do W L Coulter, Farmington,	7
86	Best yoke of steers 2 years, O Botsford, Farmington,	6
191 2d	do W A Hall, Clinton,	4
165 3d	do H A Snelder, Greenfield,	2
185	Best yoke of steers 1 year, O M Easterly, Fredonia,	5
10 2d	do B P Wixon, Farmington,	3
11	Best trained yoke of oxen or steers, B P Wixon, do,	10
101 2d	do John Starkweather, Ypsilanti,	7

Eber Durham, John Norton,

CLASS 10—FAT CATTLE.

202	Best pair fat oxen, A D Powers, Farmington,	\$10
190 2d	Best heifer 3 years, W A Hall, Clinton,	4

Ralph Sackett, Peter Ferguson, Gilbert Gage.

CLASS 11—MILCH COWS.

128 2d	Best milch cow, James Smith, Greenfield,	\$5
196 3d	do John Roberts, Detroit,	6

Your Committee on milch cows would report that they find the entries in that class very limited, and none of those worthy of much note, and the rule in no case strictly complied with, but would recommend that a second premium be awarded to No. 128, James Smith, and that a third premium be awarded to No. 196, John Roberts. Your Committee believe that one reason why the rule was not complied with was that the rule was not published till after the first period had passed. Your Committee recommend that in future the time for trial be ten consecutive days in the month of June and also ten consecutive days in the month of September, but the precise days of each month be left optional with each competitor. All of which is respectfully submitted,

M. HEYDENBURK, Chairman.

CLASS 12—FOREIGN CATTLE.

182	Best short horn bull 3 yrs old, S W Dexter, Diploma	
158	Best shorthorn bull 2 yrs old, J B Crippen, Coldwater,	4
63	Best shorthorn bull calf, J Dusenbury, Avon N Y,	4
162	Best shorthorn cow 3 yrs old, J B Crippen, Coldwater,	4
122	Best Devon bull 2 yrs, R Wingfield, Amherstburg,	4
212	Best Devon bull 1 yr, J H Hamlin, Willink N Y,	4
213	Best Devon bull calf, J H Hamlin, Willink N Y,	4
214	Best Devon cow 3 yrs old, J H Hamlin, Willink N Y,	4
216	Best Devon cow 2 yrs old, J H Hamlin, Willink N Y,	4
217	Best Devon heifer calf, J H Hamlin, Willink N Y,	4

COMMITTEE.

Wm. Whitfield, J. C. Williams,
R. L. Rome, S. P. Wormley.

HORSES.

CLASS 13—HORSES FOR ALL WORK.

198	Best Stallion 4 years or over, E B Smith, Mt Vernon,	\$15
66 2d	do R R Briggs, Romeo,	10
808 3d	do John Stark, Ypsilanti,	8
18	Best Stallion 3 years, C H Cogshall, New Hudson,	10
251 2d	do Brayton Flint, Novi,	8
241 3d	do Alexander Ruby, Shelby,	5
2	Best stallion 2 years, Chas Groh, Grosse Ile,	7
7 3d	do J D Perry, Redford,	7
280 3d	do Chas Crawford, Oakland,	8
267	Best stallion 1 year, C Fulkerson, Marshall,	6
105 2d	do Ira H Butterfield, Utica,	8
275	Best stallion Sucking colt, E B Smith, Mt Vernon,	5
40 2d	do F E Eldred, Detroit,	3
276	Best brood mare 4 years or over with colts not over 2 yrs	
	E B Smith, Mt Vernon,	12
11 2d	do do A D Power, Farmington,	10
136 3d	do do H H Norton, Howell,	8
211	Best brood mare 3 yrs, "Winona" E N Wilcox, Detroit,	9
157 2d	do Joseph Tireman, Detroit,	7
63 3d	do J Kearsley, Detroit,	8
29	Best brood mare 2 years old mare, F E Eldred, Detroit,	8
30 2d	do F E Eldred, Detroit,	6
221	Best 1 year old mare, E H Davis, Kalamazoo,	6
74 2d	do F E Eldred, Detroit,	5
75	Best sucking mare colt, F E Eldred, Detroit,	5
236 2d	do James Taylor, Kalamazoo,	3
No. 218	O. C. Hill, Texas, Discretionary Premium for superior mare and colts.	

COMMITTEE,

H. H. Emmons, Wm. McHardy, Wm. Johnson,
Saml. Lyndon, Winfield Scott.

CLASS 14—BLOOD HORSES.

204	Best stallion 4 years, H R Andrews, Detroit,	\$15
The Committee on Blood Horses, after making a thorough examination of this class, beg leave to state that in consequence of the general want of satisfactory evidence, as to the purity of the blood of the horses presented, they are deprived of the satisfaction of making more than one solitary award, to Mr. E. R. Andrews, of Detroit, whose stallion "Capt Buford" (for whom a satisfactory pedigree was furnished) bears unmistakable evidence, in his conformation, action, and performance of being a direct descendant from the English thoroughbred horse, the first and only premium. While the Committee were most favorably impressed with the size, action and general appearance of Mr. C. W. Greene's horse, "Farmingtonian," and Mr. P. McHardy's "Black Hawk," and believe them to be valuable stallions in the class to which they properly belong, still, they are obliged by the rules of your society, and their unanimous opinion in the justice and propriety of the course, to withhold premiums where the evidence of unadulterated pedigree is not perfectly clear and satisfactory.		

COMMITTEE,

C. E. Stuart, Saml. P. Brady, Wm. Henderson, A. S. Berry.

CLASS 15—DRAUGHT HORSES.

120	Best stallion 4 years or over, C Russ, Cambridge,	\$10
237 2d	do Lewis Willy, Lyons,	8
254	Best stallion 3 years, M S Speer, Pontiac,	9
59 2d	do Fred C Carlow, Detroit,	7
172	Best brood mare 4 yrs or over, with colts not over 3 yrs, Jerry Davidson, Detroit,	9
6	Best brood mare 3 years, P B Wixon, Farmington,	8
166	Best stallion 2 years, H A Snyder, Greenfield,	8
318	Best sucking colt, J Davidson, Detroit,	5
167	Best brood mare 2 years, H A Snyder, Greenfield,	7

COMMITTEE.

A. Wales, J. A. Rucker.

CLASS 16—TROTting HORSES.

288	Best trotting stallion 5 years, A C Fisk, Coldwater, Silver cup	
289 2d	do A C Fisk, Coldwater,	\$10
186 3d	do A Laplan, Detroit,	8
1	Best trotting 4 years, John P Hawley, Pontiac,	10
7 2d	do F E Eldred, Detroit,	8
109	Best trotting stallion 3 years, E Wright, Utica,	8
62 2d	do R Hunter, Birmingham,	6
212	Best stallion 2 yrs, Capax Abdallah, E N Wilcox, Detroit,	8
85 2d	do C H Williams, Coldwater,	7
183	Best stallion 1 year, Abdallah, A Wales, Erie,	8
80 2d	do Foreman Abdallah, R Dumont, Detroit,	6
32	Best stallion sucking colt, F E Eldred, Detroit,	5
192 3d	do F McHardy, Almont,	3

- 99 Best brood mare 4 years or over, with colt not over 2 yrs,
J H Caniff, Detroit,..... 12
297 2d do E N Wilcox, Detroit, "Lady Washington," 10
190 3d do B G Stimson, Detroit,..... 8
86 Best brood mare three years, Henry Moore, Coldwater,
109 2d do C E Leach, Utica,..... 7
249 3d do C A Greene, Farmington,..... 6
132 Best brood mare two years, J Starkweather, Ypsilanti,..... 8
69 Best sucking mare colt, J H Caniff, Detroit,..... 3
297 2d do E N Wilcox, Detroit, "Manahata,"..... 3
106 Best pair matched trotting horses 5 years or over,
G O Williams, Detroit,..... Diploma

216 2d do W W Robbins,..... Transactions,
100 Best single trotting horse 5 years, J H Caniff, Detroit Diploma
116 2d do Byron Greene, Detroit, Transactions
The Committee would say that the stallion yearling "Frank"
No. 281 exhibited by H. M. Wright, Coldwater, is entitled, in the
opinion of the Committee, to a first premium. The reason of this
recommendation is that the colt "Frank" was shown to the
Committee in sulky, and would not at that time show any
trotting action, and upon such exhibition they declared their
awards by tying on the ribbons, but afterwards the colt, "Frank,"
was shown in leading and showed his trotting action that entitles
him to this consideration.

Mr. E. N. Wilcox also showed "Roebuck", by Abdallah, 3 years
old stallion, very fine colt, but was not exhibited for a premium.
He showed marks of fine breeding.

The Committee would also say that the trotting stallions were
sent off by the Committee this morning under protest by the owners
of the trotting stallions that trotted yesterday, but inasmuch as
the weather was such that the committee could not conclude the
trial of speed yesterday and such trial was adjourned to this morning
when all stallions had a chance to compete they could not
make awards except by the general rules.

The condition of the track this morning was heavy and the time
made may be considered remarkable. The track yesterday was
very heavy, and must be considered as several seconds slow.

COMMITTEE,
M. E. Crofoot, K C Barker, W. H. Hawkins.

- CLASS 17.
80 Best 2 or more colts, bred in Michigan, from 1 mare
exhibited with dam, F E Eldred, Detroit,..... \$25
222 Best five colts bred in Michigan, from 1 sire and 5 different
dams, Azro Healy, Kalamazoo,..... 25
Under protest and to be finally decided by the Executive Com-
mittee.

COMMITTEE,
B. J. Bidwell, C. Fulkerson, L. D. Watkins, R. S. Camborn.

CLASS 10—MATCHED AND SINGLE HORSES.

- 94 Best pair matched carriage horses, four years or over,
Wm Caverly, Detroit,..... \$15
108 2d do J Henderson, Pontiac,..... 10
301 Best pair matched horses for all work 4 years or over,
J S Tibbitts, Plymouth,..... 12
284 2d do W P Clayton, Detroit,..... 10
206 Best pair matched horses for all work three years old,
A Ayres, Independence,..... 10
317 2d do Thos Clark, Hunter Creek..... 8
231 Best pair draught horses 4 yrs, W Digman, Farmington,..... 12
147 2d do A Pearsall, Troy,..... 10
112 Best single carriage horse 4 yrs, Byrom Greene, Detroit,..... 8
229 2d do Wm Hall, Detroit,..... 6
501 Best single carriage horse 3 yrs, B J Bidwell, Tecumseh,..... 6
240 2d do T Kent, Farmington,..... 4
230 Best Trained saddle horse, J L Harris, Detroit,..... Diploma

COMMITTEE,
W. S. Wilcox, R. J. Twomey, C. Fulkerson,
T. G. Cole, E O Humphrey.
COMMITTEE ON DRAUGHT,
Wm. Whitfield, D. M. Uhl, E. Arnold.

CLASS 19—FOREIGN HORSES.

- 193 Best stallion for all work, E B Smith, Mt Vernon, ... Diploma
194 Best blood stallion, F McHardy, A. mont,..... "
280 Best mare for all work, H. M. Wright, Coldwater, ... "
285 Best blood stallion, B J Bidwell, Tecumseh, ... "

COMMITTEE,
C. C. Norton, R. J. Goetchius, John E. Kitton,
Theo. Armstrong, Chas. A. Mark, Henry Metz.

CLASS 20—JACKS AND MULES.

- 117 Ira A Butterfield, Utica, 2d prem \$5
This Committee represent with regret the absence of all jackasses
from the exhibition. This class of stock attracts great attention
in other States. It is thought that a judicious cross of the Cana-
dian pony with the Spanish jackass would produce an excellent
stock. The enduring and persevering qualities of the mule recom-
mend the animal to your serious consideration, for future encour-
agement. Perhaps a higher rate of awards might tend towards the
desired effect. Although your Committee have but the two mules
above named produced for inspection and award, yet as they are
not of the best class the committee deem it wise in order to main-
tain a high standard of excellence, to award them but the second
prize.
F. E. ELDRÉD, Chairman.

Division B.

CLASS 1—SPANISH MERINO, SAXON AND SILESIAN SHEEP.

- 143 Best buck 3 years or over, N S Schuyler, Birmingham, \$5
173 2d do B Peckham, Parma,..... 5

- 74 Best buck 3 years, B Peckham, Parma, Diploma and..... 5
55 2d do N S Schuyler, Birmingham, 5
75 Best buck 1 year, B Peckham, Parma, Diploma, and..... 4
128 Best 5 buck lambs, J D Yerkes, Northville, Diploma and..... 4
75 2d do B Peckham, Parma,..... 4
77 Best 5 ewes 3 years or over, B Peckham, Parma,..... 8
94 2d do J Starkweather, Ypsilanti,..... 6
188 3d do N S Schuyler, Birmingham,..... 4
73 Best 5 ewes 2 years old, B Peckham, Parma,..... 6
85 2d do B Peckham, Parma,..... 4
95 3d do John Starkweather, Ypsilanti,..... 4
86 Best 5 ewes 1 year old, B Peckham, Parma,..... 6
79 2d do B Peckham, Parma,..... 5
96 3d do John Starkweather, Ypsilanti,..... 4
129 Best 5 ewe lambs, J D Yerkes, Northville,..... 6
80 2d do B Peckham, Parma,..... 5
161 3d do N S Schuyler, Birmingham,..... 4

COMMITTEE,
Horace Bradley, John P. Rowe, B. Pierson.

CLASS 2—FRENCH MERINOS.

- 57 Best Buck 3 years old, Ira H. Butterfield, Utica, Diploma & \$5
88 2d do Ira H. Butterfield, Utica,..... 5
63 Best 5 ewes 3 years old, Ira H. Butterfield, Utica,..... 8
64 Best 5 ewes 2 years old, Ira H. Butterfield, Utica,..... 6
65 2d do Ira H. Butterfield, Utica,..... 5
145 Best buck 2 years old, N S Schuyler, Birmingham,..... 5
146 Best buck 1 yr old, N S Schuyler, Birmingham, Diploma & 4
147 2d do N S Schuyler, Birmingham,..... 4

COMMITTEE,
Walter Wright, A. Gardner, Thos. McCumpha.

CLASS 2—MUTTON SHEEP.

- 39 Best buck 3 years old, W Whitfield, Waterford, Diploma & \$5
40 Best buck 2 years old, W Whitfield, Waterford, Diploma & 5
135 Best 5 buck lambs, Daniel Whitfield, Pontiac, Diploma & 4
41 2d do Wm Whitfield, Waterford,..... 4
151 Best pen ewes 3 yrs or over, Daniel Whitfield, Pontiac,..... 8
132 2d do Daniel Whitfield, Pontiac,..... 6
42 Best pen ewes 2 years, Wm Whitfield, Waterford,..... 6
133 2d do Daniel Whitfield, Pontiac,..... 6
44 Best pen ewes 1 year, Wm Whitfield, Waterford,..... 6
43 2d do Wm Whitfield, Waterford,..... 6
45 Best pen 5 ewe lambs, Wm Whitfield, Waterford,..... 6
134 2d do Daniel Whitfield, Pontiac,..... 5
186 Best buck 1 year old Daniel Whitfield, Pontiac, Diploma & 4
137 2d do Daniel Whitfield, Pontiac,..... 4

COMMITTEE,
John Waterman, Samuel Lyndon.

CLASS 4—CROSS OF BLOOD AND GRADE SPANISH, FRENCH, SILESIAN AND SAXON SHEEP.

- 182 Best buck 3 years, N S Schuyler, Birmingham, Diploma & \$5
149 2d do N S Schuyler, Birmingham,..... 5
150 Best buck 2 years, N S Schuyler, Birmingham, Diploma & 5
161 2d do N S Schuyler, Birmingham,..... 5
152 Best buck 1 year, N S Schuyler, Birmingham, Diploma & 4
153 2d do N S Schuyler, Birmingham,..... 4
159 Best 5 ewes 3 yrs, N S Schuyler, Birmingham,..... 8
93 2d do B Otis, Greenfield,..... 6
160 Best 5 ewes 2 years, N S Schuyler, Birmingham,..... 6
183 2d do N S Schuyler, Birmingham,..... 6
142 3d do J C Williams, Greenfield,..... 6
160½ Best 5 ewes 1 year, N S Schuyler, Birmingham,..... 4
181 2d do Joseph Tremen, Detroit,..... 5
92 Best 5 ewe lambs, B Otis, Greenfield,..... 6
143 2d do J C Williams, Greenfield,..... 6

COMMITTEE,
W. L. Coonley, G. E. Bradley, Curtis Babcock.

CLASS 6—FOREIGN SHEEP—SPANISH MERINO.

- 128 Best 5 buck lambs, J D Yerkes, Northville, Diploma
167 Best buck, James Smith, Chatham Canada West, "
173 Best 5 lambs, James Smith, Chatham, Canada West, "

COMMITTEE,
D. Clarkson, L. A. Jones.

CLASS 7—SWINE.

- 5 Best Essex Boar 1 yr old or over, J S Tibbitts, Plymouth, \$5
6 2d do J S Tibbitts, Plymouth,..... 3
7 Best Essex breeding sow 1 yr old, J S Tibbitts, Plymouth,..... 5
9 Best lot Essex pigs not less than 4 and under 10 months,
J S Tibbitts, Plymouth,..... 5
8 2d do J S Tibbitts, Plymouth,..... 2
3 Best grade boar over six months and under 1 year,
Dr A A Gardner, Northville,..... 3
186 Best grade breeding sow 1 year, E Hamilton, Royal Oak, 5
89 2d do H A Snyder, Greenfield,..... 3
25 Best grade breeding sow 6 months and under 1 year old,
Dr A A Gardner, Northville,..... 3
30 Best lot grade pigs not less than 4 and under 10 months,
A D Power, Farmington,..... 5
4 2d do Dr A A Gardner, Northville,..... 3
83 Best Fat hog, H A Snyder, Greenfield,..... 5
61 Best Suffolk boar, 2 yrs, R Carothers, De Kalb, O, Diploma
188 Best Suffolk boar, 1 yr, E Hamilton, Royal Oak, 5
53 Best Suffolk boar 6 months and under 1 year old,
Robert Carothers, De Kalb, O, Diploma
30 Best Suffolk sow 1 year, F E Eldred, Detroit, 5
52 2d do Robert Carothers, De Kalb, O, Diploma
54 Best Suffolk sow 6 months and under 1 year old,
Robert Carothers, De Kalb, O, Diploma

- 34 Best Leicester 2 yr and over, J P Clark, Detroit,..... 5
 81 Best Berkshire sow, F E Eldred, Detroit,..... 6
 C. A. Green, A. Farnall, M. S. Hadley.

CLASS 8—POULTRY.

- 127 Best Dorking fowls not less than 3, 1 cock and 2 hens, Francis Leslie, Dearborn,..... 83
 192 24 do E Hamilton, Royal Oak,..... 2
 123 Variety of best Asiatic fowls not less than 3 of each kind, E H Cressy, Royal Oak,..... 8
 90 24 do Walter Buhl, Detroit,..... 2
 139 Best lot of geese not less than 3, 1 gander and 2 geese, Geo Ford, Greenfield,..... 2
 22 24 Best lot of turkeys as above, Mrs F Leslie, Dearborn,..... 2
 111 Best lot of Braham Pootras and of any variety, E H Cressy, Royal Oak,..... 2
 26 Best lot of one variety of Bantams, C Bacon, Detroit,..... 2

The undersigned committee on poultry beg leave to report that the above is their award of premiums; and, in addition, beg leave to report that the show of turkeys was poor and but one coop, not numbered, deserving of 1st premium, and they, therefore, award 2nd premium as above to F. Leslie, No. 22. Further, they find but one coop of ducks, but there being only a pair, they cannot award any premium—as instructions do not award any, but we recommend a discretionary premium to No. 72, Wm. Berry, of Detroit. Further, they find but one coop mixed breeds of fowls to which they can award a premium, No. 117 E. H. Cressy, Royal Oak, 1st premium. Further they find no coop of wild and tame geese nor of turkeys to which they can award any premium. Further they would recommend a discretionary premium to H. H. Hodgson of Royal Oak, No. 126, 1 pair Japan fowls—unusual breed in this country. Further, they recommend a discretionary premium to Chas. Tucker, of Detroit, No. 174, 1 coop beautiful seabright fowls. Further, they recommend a discretionary premium to No. 27 and 38, J. D. Fairbank, Detroit, 2 coops of English Pheasants or Gold and Silver Pheasants. They also recommend a discretionary premium to William Merritt, Detroit, No. 14 and 15, for a pure variety of Austrian Fowl, so-called.

COMMITTEE.

Peter Desnoyer, W. W. Murphy.

Division C.

CLASS 1—IMPLEMENTS FOR FARM.

- 145 Best corn stalk and straw cutter, D Smith, McGrawville, Diploms and 83
 188 Best corn stalk cutter, A B & G H Felt, Brooklyn, 3
 45 Best horse rake, P Waters, Jackson, 3
 165 Best ox-yoke, D O & W S Penfield, Detroit, 2
 166 Best stamp Puller, F Traxler, Saline, 10

CLASS 2—FARM IMPLEMENTS.

- 148 Best carriage harness, Hayden & Baldwin, Detroit,..... 83
 149 Best harness for one horse, Hayden & Baldwin, Detroit, 3
 194 Best six milk pans, D O & W S Penfield, Detroit, 2
 110 Best lot of grain measures, D O & W S Penfield, 1
 69 Best dozen wire tied brooms, F S Joy, Detroit, 2
 70 2d do F S Joy, Detroit, 1
 35 Best bee hive, R C Otis, Kenosha, Wis., 3
 96 Best six hand rakes, D O & W S Penfield, Detroit, 2
 46 Best six hay forks, P Waters, Jackson, 2
 47 Best six manure forks, F Waters, Jackson, 2
 161 Cheese vat, John Clayton, Plymouth, Diploma
 * For consideration.

The committee recommend the Bee Hat (No. 46) of R. C. Otis, Kenosha, Wis., as worthy of notice.

COMMITTEE.

M. Rogers, L. V. Judson, John Allen.

CLASS 3—FARM IMPLEMENTS.

- 78 Best horse power for general purposes on sweep or lever principle, M Smith Birmingham, Diploma and 85
 85 Best mowing machine, R L Howard, Buffalo, 10
 82 2d do F B Squires, Buffalo, 6
 87 Best grain reaper, R L Howard, Buffalo, 10
 83 2d do F B Squires, Buffalo, 6
 194 Best thrasher to be used with separate horse power, H A drich, Michigan City, Ind 10
 183 2d do John Cox, Three Rivers, 5
 62 Best seed planter for hand or horse power for hill and drills, John Miller Bucyrus O, 6
 77 Best portable saw mill for wood and farm use, M Smith, Birmingham, 6
 100 Best corn sheller, hand power, A B & G H Felt, Brooklyn, 5
 109 Best vegetable cutter, D O & W S Penfield, Det, 5
 160 Best machine for the manufacture of drain tile, John Daines, Birmingham, 5
 194 Best drain tiles not less than ten feet, John Daines, Birmingham, 5
 79 Best portable elder mill, M Smith, do 5
 48 Best and most numerous collection of agricultural implements manufacture in this State by or under the supervision of the Exhibitor, materials, workmanship, utility, durability and prices to be considered, F Water's, Jackson, 5
 2 Best specimen steam engine, A Day, Detroit, 5
 1 Best shingle machine, Augustus Day Detroit, 5
 4 Combined smut and separating machine, Simon Howe, Silver Creek, 5
 12 Carpet fastener, Thomas Brewster, New York, 5

- 18 Cracker and bulcuet machine, J & J C Holland, Rochester, N Y, 4
 63 Best clover hulling machine, John C Bridgell, West Henrietta, N Y, 4
 87 Best 2 horse mowing machine, C Aultman, Starke, Ohio, 4
 151 Best corn harrower, A S Stoddard, Tecumseh, 4
 162 Best grass seed sower, S Stanbro, Plymouth, 4
 182 Best corn husker, D C Smith, Tecumseh, 4
 187 Best potato digger, U L Linnell, Adrian, 4
 No. 201, Wetherell's Patent Horse Hoe and Cultivator, exhibited by J. C. Stoddard, Worcester, Mass., the committee think favorably of it, but are unable to give it a positive recommendation without fuller proof of its practical utility.
 2 The Grain Reaper (No. 166) manufactured by John Riley at Racine, Wis., possesses several minor qualities of value, and the committee would especially refer to the arrangement of the cutting apparatus, in which the nearness of the guards or binders permits a very low rate of motion of the cutters, and recommend a Diploma.

COMMITTEE.

C. Wheeler, William Taft, L. D. Crippen,
 L. D. Watkins, C. T. Lyon.

CLASS 4—FARM IMPLEMENTS.

- 180 Best soil plow for light soils, furrow 6 and 12 inches, D Smith & Co., Commerce, Diploms & 83
 90 2d Best soil plow for light soils, furrow 6 and 12 inch, D O & W S Penfield, Detroit, 3
 91 Best plow for fallows or old land, D O & W S Penfield, Detroit, 3
 49 Best wheat cultivator, P Waters, Jackson, 3
 50 Best corn cultivator, P Waters, Jackson, 3
 5 Best harrow, A D Power, Farmington, 3
 72 Howell's Rotating harrow, W H Fargo, Cleveland, Ohio, 3
 147 Self sharpening shovel plow, J A Baldwin, Dowagiac, 3
 81 Plow for all soils, M Smith, Birmingham, 3
 170 Double steel plow, T A Parker, Detroit, 3
 183 Wrought iron plow, John B Dixon, Ypsilanti, 3
 28 Baker's Rough & Ready Cultivator, S Acker, Detroit, 3
 64 Roots Patent Revolving Harrow and Plow, H M Albertson, Detroit, 3
 56 2 Rotating plows, E G Hayden, Milwaukee, 3
 The Committee would notice the plows of very superior manufacture from the Forest City Agricultural Works of Cleveland, Ohio, B. Martin & Co., which were not in season for regular entry, but the Committee would recommend a Diploma.
 The Committee would also favorably notice a Revolving Harrow, entered by Wm. Fargo, of Cleveland, for which they recommend a Diploma.
 Also, Roots Patent Revolving Harrow, entered by H. M. Albertson, and award a Diploma. These revolving harrows are a new article and if they possess the advantages claimed for them by their exhibitors, they will be a valuable acquisition to the list of Farm Implements. Also Baker's Rough and Ready Cultivator, an article of very superior merit and which will be of the greatest value to the farmer. The committee think this cultivator richly deserves a Diploma.
 JAS. BAYLEY, Com.

Division D.

BUTTER.

- 19 Best 15 lbs, made in June, Mrs S S Gale, Farmington, 85
 17 Best 15 lbs, made at any time, Mrs S S Gale, do 5
 22 2d do Mrs J Smith, Greenfield, 3
 21 3d do Mrs J Smith, Greenfield, 2

CHEESE.

- 12 Best cheese one year old and over, not less than 25 lbs, L Lapham, Farmington, 1
 18 2d do N Lapham, Farmington, 5
 26 3d do O M Bowen, Lima, 3
 11 Best new cheese, foreign, H F Giddings, Wayne, Ohio, 6
 9 2d do Miller & Judd, Detroit, 4
 6 3d do R R Briggs, Romeo, 3
 7 Best Sage Cheese, R R Briggs, Romeo, 5
 14 2d do Norton Lapham, Farmington, 3

SUGARS.

- 19 Best 10 lbs, maple sugar, S S Gale, Farmington, 3
 39 Best 5 lbs, honey, E B Spence, 2
 8 23 boxes honey, R C Otis, Kenosha, Wis., Diploma
 Your Committee would suggest that butter for exhibition be packed in jars or tins instead of rolls as the contact with the air injures the flavor so much that it is impossible to judge with accuracy.

COMMITTEE.

Mrs. J. D. Yerkes, Mrs. G. W. Collins, W. H. Montgomery.

Division E.

CLASS 1—DOMESTIC MANUFACTURES—HOME MADE.

- 237 Best pair woolen blankets, Mrs Mary Castle, Bennington, 85
 195 2d do Mrs D B Smith, Farmington, 4
 12 3d do Mrs Francis Leslie, Dearborn, 2
 903 Best 10 yards Flannel, Mrs D Woolsey, Marshall, 6
 13 2d do Mrs Francis Leslie, Dearborn, 4
 193 3d do Mrs F Gaines, Dearborn, 2
 81 Best 10 yards woolen cloth, H F Finney, Redford, 5
 186 2d do Miss A G Becker, Redford, 4
 220 3d do Mrs J Hardwell, Pontiac, 2
 235 Best 10 yards woolen carpet, Mrs Mary Castle, Bennington 5
 236 2d do Mrs J Hardwell, Pontiac, 3

168	Best Hearth rug, Mrs Wm Moore, Adrian,.....	3
169	do do Mrs Wm Moore, Adrian,.....	2
154	do do Mrs John Thomas, Oxford,.....	1
227	Best 10 yards rag carpet, Mrs J Hardwell, Pontiac,.....	3
89	2d do William Henrich, Detroit,.....	2
88	3d do Mrs Hepesbeth Finney, Redford,.....	2
92	Best white quilt, Mrs Harriet Webster, Detroit,.....	4
161	2d do Mrs O Morse, Brighton,.....	3
183	3d do Mrs A L Sherwood, Detroit,.....	2
6	Best pair woolen knit stockings, Mrs Calvin Pierce, Disco,.....	2
218	2d do Mrs James Bayley, Troy,.....	1
204	Best woolen knit socks, Mrs D Woolsey, Marshall,.....	2
85	2d do Mrs Hepesbeth Finney, Redford,.....	1
146	Best pair woolen knit mittens, Mrs G W Collins, Farmington,.....	1
154	2d do Mrs J Thomas, Oxford,.....	2
86	Best woolen coverlet, Mrs Abigail Brink, Wayne,.....	1
182	2d do Mrs Philo Parsons, Detroit,.....	3
223	3d do Miss S S Porter, Romeo,.....	1
221	Best piece of broadcloth, Miss E M Perry, Bay,.....	3
184	2d do Miss A G Becker, Redford,.....	1
189	Best woolen shawl, Miss A G Becker, Redford,.....	3
89	2d do Mrs Abigail Brink, Wayne,.....	4
120	Best silk quilt, Mrs John Starkweather, Ypsilanti,.....	3
68	2d do Miss S Brisco, Detroit,.....	1
184	Best patch work quilt, Miss Louisa Kelsey, Detroit,.....	3
220	2d do Miss E A Perry, Ray,.....	1
219	3d do Miss E M Perry, Ray,.....	2
4	Best sample woolen yarn, not less than 1 lb., Mrs Calvin Pierce, Disco,.....	2
121	Best pair knit cotton stockings, Mrs John Starkweather, Ypsilanti,.....	2
199	Best knit linen stockings, D B Smith, Farmington,.....	2
275	Best knit coverlet, (white), Mrs Lucy Glass, Livonia,.....	2
133	2d do Mrs R Kendrick, Detroit,.....	2
16	Best pair woolen sheets, Miss Della Harris, Redford,.....	1
84	2d do Mrs Hepesbeth, Finney, Redford,.....	1
119	Best table cover, Mrs M Hammer, Detroit,.....	2

Mrs. M. Howard Webster, W. H. Montgomery.

CLASS 2—FACTORY MADE.

74	1 Piece drab doeskin, Davis & Hibbard, Milford, Diploma & \$2	2
76	1 Piece black, cassimere, Davis & Hibbard, Milford, " " " " " "	2
78	1 Piece sil-wool tweed, Davis & Hibbard, Milford, " " " " " "	3
93	1 Silk and cassimere shirt, J Waterfield, Austin, " " " " " "	2
95	1 Pair silk and cassimere stocking, J Waterfield, Austin, " " " " " "	2
96	4 Pair silk and cassimere gloves, J Waterfield, do " " " " " "	1
97	1 Pair silk mitts, James Waterfield, Anselin, " " " " " "	1
98	1 Pair cotton stockings, James Waterfield, Austin, " " " " " "	2
99	1 Pair silk stockings, James Waterfield, Austin, " " " " " "	2
100	11 pieces Brussels carpet, Nall & Dunklee, Detroit, " " " " " "	2
101	3 pieces 3 ply carpet, Nall & Dunklee, Detroit, " " " " " "	2
102	2 pieces 2 ply carpet, Nall & Dunklee, Detroit, " " " " " "	2
103	1 piece masonic carpet, Nall & Dunklee, Detroit, " " " " " "	2
104	1 Dog rug, Nall & Dunklee, Detroit, " " " " " "	2
105	1 Lion rug, Nall & Dunklee, Detroit, " " " " " "	2
106	2 Stag rug, Nall & Dunklee, Detroit, " " " " " "	2
107	3 Pieces oil cloth, Nall & Dunklee, Detroit, " " " " " "	2
108	1 Set lace curtains, Nall & Dunklee, Detroit, " " " " " "	2
109	6 rolls paper, Nall & Dunklee, Detroit, " " " " " "	2
110	1 piece cocoa matting, Nall & Dunklee, Detroit, " " " " " "	2
111	1 Gift shade, Nall & Dunklee, Detroit, " " " " " "	2
112	2 Pieces stair oil cloth, Nall & Dunklee, Detroit, " " " " " "	2
113	2 Adelaide mats, Nall & Dunklee, Detroit, " " " " " "	2
114	2 Sheep mats, Nall & Dunklee, Detroit, " " " " " "	2
130	2 pieces black doeskin, H C Kilborn, Detroit, " " " " " "	2
137	2 pieces light gray cassimere, H C Kilborn, do " " " " " "	2
38	8 pieces union, H C Kilborn, Detroit, " " " " " "	2
139	2 pieces fancy all wool, H C Kilborn, Detroit, " " " " " "	2
144	1 case golden frill shirts, Joseph H Eagle, Detroit, diploma & 3	2
140	1 woolen shirt, James Waterfield, Austin, " " " " " "	2
274	1 pair white blankets, J Burns & Co, Detroit, " " " " " "	2
152	1 Woollen coverlid, John Allen, Plymouth, " " " " " "	2

A. S. Williams, D. Clarkson, E. C. Goodrich.

CLASS 3—DOMESTIC MANUFACTURES.

240	Best cow hide boots, Burdick & Hawley, Kalamazoo, ..	\$3
169	Best pair calf boots, Michael Martz, Detroit,.....	3
160	2d do Michael Martz, Detroit,.....	3
171	Best pair of ladies slippers, O D Hanson, Kalamazoo,.....	2
172	Pair of calf boots, O D Hanson, Kalamazoo,.....	2
69	2d Best six calf skins, D D Wallace, Saline,.....	2
173	Best sample leather, D D Wallace, Saline,.....	Diploma
227	Best overcoat, J Humphrey, Detroit,.....	2
273	Best fur hat, J T Smith, Detroit,.....	2
273	2d do J T Smith, Detroit,.....	1
278	1 Ladies cloak, J Humphrey, Detroit,.....	Diploma
241	One pair kip boots, Bur jek & Hawley, Kalamazoo,.....	2
1	3 pair wood sole shoes, J G Kimball, Boston, Diploma,.....	2
72	One package samples sheep morocco, D D Wallace, Saline, Diploma	
127	1 pair Napoleon boots, Michael Martz, Detroit, " " " " " "	2
279	Two pairs ladies gaiter, O D Hanson, Kalamazoo, Medal	
1	Discretionary, awarded by the Committee.	

The specimens of ladies boot and shoe works, exhibited by C. H. Hanson, of Kalamazoo, are most perfect and beautiful specimens of workmanship, and are fully equal to the best work manufactured in any part of the world; particularly the ladies cork sole boots which are a splendid article and for which a medal is recommended.

The works of Burdick & Hawley, of Kalamazoo, are superior for strength and durability, and deserve a favorable notice.
Michael Martz of Detroit, has some men's calf boots, equal to the best French work.
D. D. Wallace of Saline, exhibits some specimens of tanning of superior quality, and equal to the best French.
A specimen of calfskins exhibited by H. S. Bishop, Esq., of Cleveland (too late to be entered), tanned by Johnson's process of which may-weed is said to be the principal tanning material used, was a very fine specimen of leather, and would trouble the best judges to distinguish it from the best French, it being equally soft and pliable; we would recommend a diploma.

COMMITTEE.

S. P. Wilcox, Detroit, L. Wilcox, Jackson.

CLASS 4—DOMESTIC MANUFACTURES.

161	Best 2 horse carriage, top, Reub'he & Co., Detroit,	\$10
127	2d do W Y Baker, Detroit,.....	6
14	Best 1 horse carriage, top, M M Glaser, Detroit,.....	8
39	2d do Stewart Moore, Detroit,.....	5
36	Best 2 horse open carriage, Stewart Moore, Detroit,.....	5
41	Best 1 horse open carriage, Stewart Moore, Detroit,.....	4
23	Best bedstead, Henry Webber, Detroit,.....	Diploma and 2
29	Best bureau, Henry Webber, Detroit,.....	5
31	Best table, Henry Webber, Detroit,.....	5
123	Best rocking chair, Charles Engel, Detroit,.....	2
256	Best set of horse shoes and skeleton leg on, J B Dickenson, Ypsilanti, " " " " " "	2
256	do do J B Dickenson, Ypsilanti, " " " " " "	2
49	Best lot chisels, B B & W R Noyes, Detroit,.....	3
49	2d do B B & W R Noyes, Detroit,.....	3
40	Best lot of edge tools manufactured at one establishment, B B & W R Noyes, Detroit,.....	5
48	Best lot augers, B B & W R Noyes, Detroit,.....	3
26	Best cook stove, W H Teft & Co, Detroit, ..	2
27	Best parlor stove, W H Teft & Co, Detroit, " " " " " "	2
1	No. 29, Henry Webber of Detroit, "1 Roswood Book Case," Committee recommend as worthy of notice of the Executive Committee and would recommend Premium.	
1	Also one Gothic chair No. 32. Also one reclining chair, No. 33.	
1	No. 59, Wm. Tobin of Detroit has 1 Hunting Rifle; 1 Rifle and Shot Gun; No. 62, 1 Double shooting Rifle, to which the Committee would recommend a Diploma.	
1	No. 128, C. & P. Melius of Detroit has one circular saw and plate for which the Committee would recommend a Discretionary Premium.	
1	No. 237, P. G. Johnston of Greenville has one set of buggy wheels with Sanborn's patent hubs and shaft couplings for which the committee would recommend Discretionary premiums.	

COMMITTEE.

Allen D. Shadbolt, E. Arnold, J. V. Wakeman.

Division F.

CLASS 1—PAINTINGS, DRAWINGS, DAGUERREOTYPES AND MUSICAL INSTRUMENTS		
113	Best painting in oil, H Harting, Grand Rapids, Diploma & \$5	5
60	2d do E St Alary, Detroit,.....	4
78 to 81	Best collection of Daguerreotypes, M Sutton, Detroit, " " " " " "	4
77	Best pair photographs, M Sutton, Detroit,.....	"
62	Best colored crayonings, E St Alary, Detroit,.....	5
91	21 do E St Alary, Detroit,.....	3
2	Best drawing, plain crayon, E VanDyke, Det, " " " " " "	2
2d	do Hattie Ferrar, Detroit,.....	1
2d	do M E Barrett, do " " " " " "	1
111	Best specimens graining on wood, Wright & Hill, Detroit, " " " " " "	"
	Best Mirror Frames, ornamental Per and oval, Atkinson & Co, Detroit, " " " " " "	"
85 to 92	Best collection of picture frames, A Elder, Detroit, " " " " " "	"
64	Best grand action, concert piano, 3 strings, Stein & Buchhalter, Detroit, " " " " " "	5
167	Best piano (parlor grand) 2 strings, Amcen & Cargill, Detroit, " " " " " "	"
15	Best melodeon, (double reed), Simmons & Witney, Detroit, " " " " " "	3
2d	do (single reed) Simmons & Witney, Detroit, " " " " " "	2

* Seven in number, imitation of oak, birdseye maple, mahogany, wain-cott walnut, walnut root, and African wood; the birdseye maple chiefly worthy of notice for novelty and delicacy of shade.

MISCELLANEOUS.—This class embraces a wide variety of useful and ingenious specimens of art, which ought not to be passed over silently, but upon these the Committee are not authorized to award premiums. Still they cannot forbear giving some of the most conspicuous a passing notice in this their report for discretionary premiums.

Model of Locomotive by P. E. Rodier, Detroit, a lad.
Fine toned Parlor Organ, neat and plain, John Vesper.
Beautiful specimen of hair work (horse hair) in flower designs, by Mrs. Wm. Merritt, Detroit.
Boquet of hair work by Miss Mary Schonaker, Detroit.
Several specimens of the style of art known as oriental painting by Miss Theresa White, of Detroit.
Large Case stuffed birds, an exquisite collection, well preserved and handsomely grouped, by A. Hine, Ypsilanti.
Model of an ornamental perico, by James Stewart, Detroit.
A beautiful worked leather frame containing various designs and combinations of hair delicately and tastefully arranged by Mrs. J. B. King, Detroit.

Hair head dress by Miss A. S. Sherwood, Detroit.

Mr. John D. Fairbanks, Detroit, contributed a variety of foreign birds, among which the Committee observed a beautiful pair of Ceylon and another of Golden Pheasants. These birds are of great rarity and added much interest to the exhibition in this department. It is worthy of notice that the Ceylon pheasants and other varieties of eastern game birds are now being imported into England for the purpose of supplying the deficiency and adding rarity to the home stock of game.

In this connection the Committee would state that although the Society had appropriated handsome premiums for design for the best farm houses and rural buildings yet no one appeared to compete for the same. Would it not therefore, be well, in order to induce artists to enlist for the prizes, to increase the amount offered somewhat. These designs require labor and expense from a class of men little able to expend them, and require special encouragement in a new state like our own, where, as a matter of fact, little attention is given, for the want of cheap designs, to the architectural style and arrangement of the farmer's home and out buildings.

The Committee would not deem their duty performed without making special mention of the convenient structure, design and adornment of Flora's Hall, adding very much in their opinion to the fair for exhibiting the various articles and to the attractiveness of the Fair. They would also commend the liberality of the citizens of Detroit in loaning to the society, for the better embellishment of the Hall many rare and valuable specimens of Art, contributing greatly, both to the gratification of the taste of all interested or aspiring to an acquaintance with the fine arts. And for the arrangement of this portion of the exhibition, the Society is largely indebted to the good taste and honorable zeal of Mr. E. St. Alary and his associates, who have devoted a large amount of time to this work.

O. B. Wilcox, COMMITTEE, D. Bethune Duffield,

CLASS 2—NEEDLE, SHELL AND WAX WORK.

161	Best ornamental needle work, Miss Anna Lavigne, Detroit,	\$3
65 2d	do Miss Amanda Morton, Ypsilanti,	2
117 3d	do Miss Emma Sholey, Detroit,	1
119	Best ottoman cover, Miss Chase, Detroit,	2
66 2d	do Miss Amanda Morton, Ypsilanti,	2
176 3d	do Miss C G Durkee, Pontiac,	2
68	Best table cover, Miss Mary Watson, Detroit,	3
18	Best Group Flowers, Miss E W Fowler, Detroit,	3
110 2d	do Miss H Schonacker, Detroit,	2
121 3d	do Miss A S Clarke, Detroit,	1
129	Best fancy chair work, Mrs N R Sever, Ypsilanti,	2
200 2d	do Mrs A S Johnson, Detroit,	2
198 3d	do Mrs A A Fish, Detroit,	1
104	Best specimen worsted work, Mrs Wm Hale, Detroit,	3
109 2d	do Miss H Schonacker, Detroit,	2
43 3d	do Mrs A E Bartholomew, do	1
115	Best worked collar, Mrs J Starkweather, Ypsilanti,	2
126 2d	do Miss Farrar, Detroit,	2
19 3d	do Mrs Mary Croushaw, Detroit,	1
186	Best silk bonnet, Mrs J J Norris, Detroit,	2
190 2d	do Mrs E James, Detroit,	2
209	Best lace cape, Mrs B Brisco, Detroit,	2
210 2d	do Mrs B Brisco, do	2
99	Best 2 lamp mats, Mrs R B Bass, Albion,	3
165 2d	do Mrs Smith, Ypsilanti,	1
146	Best ornamental shell work, Mrs Hofner, Detroit,	3
148 2d	do Mrs E Perkins, Birmingham,	2
152	Best Specimen wax flowers, Miss L C Dollo, Detroit,	3
99 2d	do Miss Teresa White, Detroit,	2
44	Best specimen artificial flowers, other than wax, Mrs A E Bartholomew, Detroit,	3
179	Best crochet work other than quilt, Mrs S Stetson, Detroit,	3
112 2d	do Mrs S Stetson, Detroit,	1
162 3d	do Mrs Wm Hale, Detroit,	1

There are 211 entries in this department; a large number of articles worthy of notice, are not properly embraced in the regular list, to such the committee have recommended discretionary premiums. It has been very difficult to determine the comparative merits of many articles of the same kind.

The committee recommend the following as deserving notice and award:

- No. 3, Henrietta L Farnsworth, Detroit, 1 white pin cushion embroidered with chenille, diploma.
 No. 10, E W Flint, Detroit, 2 stamped silk, diploma.
 No. 46, A E Bartholomew, Detroit, lot of embroidered, (stamped) patterns, diploma.
 No. 47, Miss Hattie Farrar, Detroit, Nos. 47, 48, 49, 50, 51, 52, 53, 54, diploma.
 No. 84, Mrs O Norris, Detroit, Embroidered skirt, diploma.
 No. 114, Geo S Lillebotham, Detroit, 2 cases wax fruit, diploma.
 No. 124, Miss Avis Clark, Detroit, needle work, diploma.
 No. 125, Miss Farrar, Detroit, quilts of special notice, diploma.
 No. 133, Godfrey Stanton, Detroit, embroidery, transactions.
 No. 147, Mrs E W Flint, Detroit, pin cushion and mat, (special notice), diploma.
 No. 160, Thos Higgins, Detroit, ornamental needle work, diploma.
 No. 153, Miss L C Dollo, Detroit, 5 baskets wax fruits, special notice and diploma.
 No. 150, Mrs E Bagg, Detroit, embroidered toilet cover and cushion, diploma.
 No. 184, Miss Hannah Ezekiel, Detroit, 1 case wax fruit, diploma.
 No. 206, Miss S B King, Detroit, worked frame and hair wreath, transaction.
 No. 14, Mrs Wm Merritt, Detroit, horse hair ladies head dress, diploma.
 No. 59, Miss Amanda Morton, Detroit, embroidered silk scarf, diploma.

No. 108, Miss H Schonacker, Detroit, 1 bouquet artificial flowers, diploma.

No. 116, Mrs Rose, Detroit, leather work what not, diploma.

No. 144, Miss Hoffman, Detroit, specimen needle work, diploma.

No. 149, Mrs A S Sherwood, Detroit, 1 specimen hair work, diploma.

No. 173, Miss Ellen Perry, Ray, 2 lamp mats, diploma.

No. 211, Miss B Brisco, Detroit, 1 pair embroidered suspenders, diploma.

No. 56 Miss Amanda Morton, embroidered ottoman, diploma.

No. 183, Miss Henrietta L Farnsworth, Detroit, embroidered night robe, diploma.

9 Miss H Humphrey, Detroit, embroidered skirt, diploma.

Rev. D. C. Jacobs, COMMITTEE, Mrs. John Rogers,
 Mrs J. M. Starkweather, Miss Mary H. Wheeler.

Division G.

CLASS 1—FLOWERS.

27	Best and greatest variety of cut flowers, Professional, John Ford, Detroit,	\$3
239	Best and greatest variety of cut flowers, Amateur, Ben McCrary, Detroit,	3
265 2d	do do 8 Bowerman, Detroit,	2
206	Best and greatest varieties Dahlias, Wm Adair, Detroit,	3
28 2d	do John Ford, Detroit,	3
68	Best 12 dissimilar blooms Dahlias, Hubbard & Davis, do	3
194 2d	do Jno Puigh, Detroit,	2
69	Best single variety of Dahlias, Hubbard & Davis, Detroit,	2
208 2d	do Wm Adair, Detroit,	1
317	Best and greatest variety roses, Hubbard & Davis, Detroit,	3
209 2d	do Wm Adair, Detroit,	2
71	Best 12 dissimilar blooms roses, Hubbard & Davis, Detroit,	2
32	Best and greatest variety phloxes, Jno Ford, Detroit,	3
164 2d	do Bela Hubbard, Detroit,	2
33	Best seedling Phloxes, Jno Ford, Detroit,	2
210	Best and greatest variety Verbenas, Wm Adair, Detroit,	2
193 2d	do Jno Puigh, Detroit,	1
74	Best seedling verbenas, Hubbard & Davis, Detroit,	2
308	Best and greatest indigenous plants, Mrs J Starkweather, Ypsilanti,	3
114 2d	do Mrs E Perkins, Birmingham,	2
86	Best collection green house plants, Jno Ford, Detroit,	5
205 2d	do Wm Adair, Detroit,	3
37	Best collection German Asters, Jno Ford, Detroit,	2
77 2d	do Hubbard & Davis, Detroit,	1
213	Best hand bouquet, round, Wm Adair, Detroit,	2
196 2d	do John Puigh, Detroit,	1
214	Best hand bouquet, flat, Wm Adair, Detroit,	5
40	Best basket flowers with handle, Jno Ford, Detroit,	2
271 2d	do Wm Adair, Detroit,	1
320	Best and most beautifully arranged basket of flowers, Mrs E C Walker, Detroit,	2
278	Best floral design, E F Haskell, Monroe,	2
236 2d	do Mrs H S Sherwood, Detroit,	1
212	Best floral ornament, Wm Adair,	2
290	The Committee would recommend a discretionary premium for a pyramid of Verbenas to Mrs. E. F. Haskell, of Monroe of \$3	
Also to No. 171, a vase chrysantheum graves of \$3.		
Also Nos. 314 and 315, two very handsome round bouquets, Mrs. A. Bradner of Plymouth \$2.		
Also 225, one large bouquet Mrs. R. Stead, Detroit, \$2.		
Also for the fine green house plants exhibited by Mrs. E. C. Walker, Detroit, \$5.		

M. HOWARD WEBSTER, Chairman.

CLASS 2—FRUITS.

136	Best and greatest variety winter apples, D Clarkson, agt, Northville,	\$4
54 2d	do Ama Power, Livonia,	2
142 3d	do Joshua Simmons, Farmington,	1
143	Best and greatest variety autumn apples, Joshua Simmons, Farmington,	4
52 2d	do Ama Power, Livonia,	2
138	Best 12 specimens single variety winter apples, D Clarkson, agt, Northville,	3
145 2d	do Joshua Simmons, Farmington,	2
156 3d	do Thos Blackett, Roseville,	1
146	Best 12 specimens single variety autumn apple, Joshua Simmons, Farmington,	3
158 3d	do Thos Blackett, Roseville,	1
121	Best 12 specimens single variety summer apples, D Clarkson, Northville,	3
199	Best 3 specimens seedling winter apples, J Simmons, Farmington, Complete Farmer, American Gardener and	3
239	Best 3 specimens seedling autumn apples, D Clarkson, Northville, Thomas' Fruit Book and	2
135	Best and greatest variety good table apples, D Clarkson, Northville,	5
155 2d	do Thos Blackett, Roseville,	3
240	Best collection of plums, Benj McCrary, Detroit,	3
186 2d	Best plums choice varieties, yellow eggs, Mrs R Kearney, Detroit,	1
302	Best 12 quinces, Alex Waters, Troy,	2
235 2d	do E Perkins, Birmingham,	2
108 3d	do Mrs H Hallock, Detroit,	1
237	Best and most extensive collection of native grapes grown in the open air, Jno Hatcher, Detroit,	3
250 2d	do W Bour, Detroit,	2
106	Best and most extensive collection of foreign grapes grown in open air, Mrs H Hallock, Detroit,	3
245 2d	do W B our, Detroit,	2

- 275 2d Best and most extensive collection of foreign grapes grown under glass, Jno Roberts, Detroit, 2
 25 Best 2 specimens water melons, Jno Ford, Detroit, 2
 188 2d do Bela Hubbard, Detroit, 2
 169 Best 4 specimens nutmeg melon, Bela Hubbard, Detroit, 2
 120 2d do Jno Ford, Detroit, 2

PROFESSIONAL

- 254 Best 12 specimens single variety winter apples, I E Ilgenfritz, Monroe, Diploma and 2
 255 Best 12 specimens single variety autumn apples, I E Ilgenfritz, Monroe, Diploma and 2
 256 Best 12 specimens single variety summer apples, I E Ilgenfritz, Monroe, Diploma and 2
 257 Best seedling winter apples, I E Ilgenfritz, Monroe, Diploma and 2
 258 Best variety summer apples, I E Ilgenfritz, Monroe, Diploma and 2
 259 Best variety autumn apples, I E Ilgenfritz, Monroe, Diploma and 2
 41 Best 12 specimens winter greenings, Ama Power, Discretionary 2
 197 Best cluster native grapes grown in open air, Mrs H Hallock, Detroit, 2

Your Committee recommend that a first class premium be awarded to Geo. Kelley of Kelley's Island for the best variety of native grapes.
 H. ALCOTT, Chairman.

CLASS 3—PEARS—AMATEUR.

- 62 Best and greatest variety of pears named and labelled, grown by exhibitor, Rev M H Hunter, Grosse Isle, Text Book of Agriculture and 2
 277 2d do Jno Roberts, Detroit, 2
 248 2d do Benj McCreary, Detroit, 2
 160 Best collection of autumn pears, named and labelled, grown by exhibitor, Thos Blackett, Roseville, Landscape Gardening and Architecture 2
 277 2d do Jno Roberts, Detroit, Horticulturist 2
 191 Best seedling pears with history and description, Wm L Woodbridge, Detroit, 2
 62 Best 6 specimens autumn pears, Rev M H Hunter, Grosse Isle, 2
 160 2d do Thos Blackett, Roseville, 2
 215 Best and greatest variety good pears named and labelled, grown by exhibitor, Wm Adair, Detroit, 2
 260 2d do I E Ilgenfritz, Monroe, 2
 285 3d do Hubbard & Davis, Detroit, 2
 215 Best collection autumn pears named and labelled, grown by exhibitor, Wm Adair, Detroit, Landscape Gardening, 2
 260 2d do I E Ilgenfritz, Monroe, Horticulturist 2
 215 Best 6 specimen autumn Pears, W Adair, Detroit, 2
 260 2d do I E Ilgenfritz, Monroe, 2
 85 3d do Hubbard & Davis, Detroit, 2

N. A. Balch,

COMMITTEE,

Geo. M. Dewey.

CLASS 4—MISCELLANEOUS FRUITS.

- 108 Best 10 specimens peaches, Joshua Simmons, Farmington, 2
 205 2d do W Arnold, Dexter, 2
 The above awards are made with the consideration that the proceedings will be warrantable although both lots are fewer in number than the society require, but the great scarcity of the fruit renders them desirable.

Vinegars, wines, &c., referred to the Committee have been examined but we find no provision made for premiums nor yet any sufficient means of determining the relative strengths of the vinegars, or for detecting deleterious compounds. They have, therefore expressed their relative value as nearly as the Committee are able to determine, classifying them according to their composition and manufacture and refer the whole matter to the Executive Committee.

VINEGARS.

- 99 Keg vinegar made by slow process, Wm Peck, Detroit, Dip. 2
 7 Bbl double extract of vinegar quick process, J Frankel, Detroit, 2
 8 do do J Frankel, Detroit, 2
 9 table do do J Frankel, Detroit, 2
 3 Grades similar quality, flavor less perfect than 69 although more concentrated. 2
 101 Bottle red wine vinegar, J Frankel, Detroit, 2
 3 Bottle white wine vinegar, A Landsberg, Detroit, 2
 4 Bottle pure elder vinegar, A Landsberg, Detroit, 2
 6 Bottle malt vinegar, A Landsberg, Detroit, 2
 5 Bottle spirit of wine, A Landsberg, Detroit, 2
 The above four were only second to the others by the same process.
 103 Bottle currant wine, Mrs Jno Palmer, Detroit, Dis. 2
 2 bottles currant wine, Mrs J Roberts, Detroit, 2
 113 2 bottles currant wine, Mrs E Perkins, Birmingham, 2
 122 2 bottles Isabella grape wine, Geo Kelly, Kelly's Island, 2
 284 1 bottle grape wine, Mrs E F Haskell, Monroe, 2
 112 1 bottle wild grape wine, Mrs E Perkins, Birmingham, 2
 102 Blackberry wine for cooking, Mrs Jno Palmer, Detroit, 2
 111 Bottle catsup, good, Mrs W A Bacon, Detroit, 2

The Committee have found the articles distributed through the several departments and in many cases being tampered with to such an extent as seriously to interfere with their means of forming a satisfactory judgment. This seems to arise from the fact that no facilities or premiums are provided for a large class of articles such as have been given in charge to this Committee.

T. T. LYON, Chairman.

CLASS 5—VEGETABLES.

- 10 Best and greatest variety culinary vegetables, Jno Ford, Detroit, 2
 112 Best 12 blood beets, T Hopson, Detroit, 2
 290 Best 6 heads cauliflower, Hubbard & Davis, Detroit, 2
 299 Best cabbage, R Stead, Detroit, 2
 308 Best 12 carrots, Wm Adair, Detroit, 2
 16 6 best vegetable eggs, Jno Ford, Detroit, 2
 87 Best 1/2 peck white onions, Hubbard & Davis, Detroit, 2
 137 2d do yellow onions, A Wood Livonia, 2
 219 Best 1/2 peck red onions, W Adair, Detroit, 2
 19 Best 1/2 peck yellow onions, Jno Ford, Detroit, 2
 133 Best peck seedling potatoes, D Clarkson, Northville, 2
 54 Best peck table potatoes, A D Power, Farmington, 2
 109 2d do R B Briggs, Romeo, 2
 58 Best crook neck squash, H W Dean, Detroit, 2
 234 Best 3 vegetable marrow squashes, Thos Smith, Detroit, 2
 97 Best squash, Jno F Hambroger, Detroit, 2
 71 Best 1/2 peck tomatoes, Jno Ford, Detroit, 2
 159 do T Hopson, Detroit, Dis. 2
 270 Best 12 roots salasy, Wm Adair, Detroit, 2
 178 Best peck white turnips, Bela Hubbard, Detroit, 2
 22 Best 1/2 peck lima beans, John Ford, Detroit, 2
 92 do do Hubbard & Davis, Detroit, Dis. 2
 23 Best peck sweet potatoes, Jno Ford, Detroit, 2
 219 Best 6 stalks rhubarb, Wm Adair, Detroit, 2
 89 2d Best 3 autumnal squashes, Hubbard & Davis, Detroit, Dis. 2
 135 2d Best 1/2 peck red onions, A Ford, Livonia, 2
 293 2d Best 6 drum head cabbage, Thos Leadbeater, Detroit, 2
 300 Best 3 Boston marrow squash, R Stead, Detroit, 2
 Savoy's belonging to Robt. Stead, are worthy of a first premium, being perfectly pure and ought to be more cultivated.

Celery is not worthy of a premium unless blanched.

Parasnips not worthy a premium, being stringy and poor not having been thinned out.

There are vegetables that are larger than those awarded but they are coarser in texture than those we have selected as worthy of premiums.

All those Discretionary premiums we have awarded, ought to be paid as there were doubts as to which were the best.

Mr. Gardner, of Detroit, has furnished a fine collection of seeds which being the sheet anchor of horticulture and agriculture and being, as the subscriber knows imported from the first houses in Europe, ought to have a Diploma. Also a variety of plates of plants grown from seeds exhibited.

As regards potatoes we have not been governed by size but by texture.

Red cabbage exhibited by R. Stead, Detroit, is every way worthy of a first premium being very fine and much needed as a winter pickle and ought to be more extensively cultivated.

The Committee also consider that the show of vegetables is very poor on account of the meager list of premiums.
 GEO. CRABB, Chairman.

Division H.

GRAIN, FLOUR AND SEEDS.

- 56 Best sample winter wheat, Wm Dougherty, Berrien Spring, 2
 32 2d do J B Springer, Farmington, 2
 57 3d do Wm Dougherty, Berrien Spring, 2
 71 Best sample spring wheat, Wm H Stout, Troy, 2
 61 2d do T A Parker, Detroit, 2
 34 Best sample of yellow corn, J B Springer, Farmington, 2
 33 Best sample of white corn, J B Springer, Farmington, 2
 4 2d do J S Tibbitts, Plymouth, 2
 87 Best sample of dent corn, Wm A Hall, Clinton, 2
 3 2d do J S Tibbitts, Plymouth, 2
 45 Best sample black oats, Geo Ford, Greenfield, 2
 35 2d do J B Springer, Farmington, 2
 73 Best sample white oats, John Allen Plymouth, 2
 67 2d do Wm H Stout, Troy, 2
 75 Best 12 ears seed corn white, Orson Ingles, Almont, 2
 88 Best 12 ears seed corn dent, W A Hall, Clinton, 2
 5 Best sample rye, J S Tibbitts, Plymouth, 2
 60 Best 2 bu beans, T A Parker, Detroit, 2
 78 2d do Chas M Bowen, Lima, 2
 59 Best 2 bu, peas, T A Parker, Detroit, 2
 59 2d do T A Parker, Detroit, 2
 62 Best 1 bu, large clover seed, T A Parker, Detroit, 2
 40 Best 1 bu, small, D Clarkson, Northville, 2
 53 Best 1 bu, timothy seed, A Hendry, Redford, 2
 101 2d do A Wattles, Troy, 2
 64 3d do T A Parker, Detroit, 2
 27 Best barrel flour, A B Mathew, Pontiac, 2
 28 2d do A W Leggett, Pontiac, 2
 36 & 37 Varieties of garden flower and field seeds, M T Gardner & Co., Detroit, Dis. 2
 38 Colored lithograph plates of flowers in gilt frames, M T Gardner & Co., Detroit, 2
 36 Colored lithograph plates of vegetables, M T Gardner, Detroit, 2

COMMITTEE,

S. G. Rowley, Wm. More,

BREAD.

- 25 Best 2 loaves salt or milk rising, Mrs W A Bacon, Detroit, \$5
 7 2d do Mrs J H Sutton, Farmington, 3
 107 Best 2 loaves yeast rising, Mrs A B Mathews, Pontiac, 3
 12 2d do Mrs H W Dean, Hamtramck, 3
 15 Best sample of corn bread, Mrs F Leslie, Dearborn, 5
 97 2d do Mrs Augustus Day, Detroit, 3
 115 Best specimen of bread made by a Miss under eighteen years of age without assistance, with authenticated statement of manufacture accompanying, Miss Emma Smith, Detroit, diploma and 5

No. 80, Mrs. E. Perkins Birmingham, for corn bread Committee recommend a diploma.

No. 113, Mrs. R. Palmer, of Detroit, for crackers made by hand, Committee recommend diploma.

The Committee on bread report that there was in this department a large and excellent display, the entries numbering over forty, including corn bread and crackers.

Of the salt rising there were many superior specimens, most of them accompanied by full statements of the manner of making. There were two samples, either of which might have taken a prize, but for the neglect of the makers to state the manner of making; one by Mrs. G. Gage, of Dover, Lenawee county, was of superior quality. The four beautiful loaves contributed by Mrs. J. S. Tibbitts, and her daughter, of Plymouth, were much admired for their whiteness, and both to them and to Mrs. Gage, the Committee would recommend discretionary premiums.

The specimens offered by Misses under 18 years of age were generally of good quality, most of them above the average made by ordinary housekeepers of much more experience. The Committee particularly commend the loaves exhibited by Miss C. E. Tibbitts, Miss Addie Swan, Miss J. M. Cushman and Miss Anna Clark.

The samples of yeast bread were not as commendable on the whole as those of salt or milk rising, some of them lacking in moisture and lightness, and others tasting too strongly of the yeast. The best sample offered was by Alice Higgins of Detroit, but it could not take any premium because there was but one loaf and no written statement—two loaves being required by the rules. There were several better specimens than the one to which was awarded the second prize, but being unaccompanied by descriptions of manner of making they did not come within the rules, and were not entitled to compete with those which did.

The corn bread offered was generally of excellent quality, but most of it being one third or one fourth wheat flour could not come in competition with pure corn bread. The Committee especially commend to notice the two loaves exhibited by Mrs. E. Perkins of Birmingham.

No premium was offered for crackers, but the Committee recommend a Diploma to Mrs. R. Palmer, for hand made crackers, the only sample offered—most excellent. Two loaves of rye bread by Mrs. Leslie, of Dearborn, were the only ones offered, and were of good quality—no premium given.

COMMITTEE.

Mrs. L. B. Adams, Mrs. Bowerman, W. H. Montgomery.

Division K.

MISCELLANEOUS ARTICLES.

- 130 Percussion matches, Henry Fowler, Detroit, diploma
 1 do Richardson & Co., Detroit, disc
 4 Carved marble mantle, Joseph Wasbecq Detroit, diploma
 6 Samples of soap, Detroit Chemical Soap Co., do
 8 Samples of artificial stone, T. Luce, Detroit, do
 12 Fairbank's patent scales, J S Farrand, Detroit, do
 17 Fairbank's Chronometer Scales, J S Farrand, Detroit, do
 27 Little's patent fire and burglar proof safes, S R Woolley, Detroit, do
 2 Little's patent bank lock, S R Woolley, Detroit, do
 30 Bank lock safe, S R Woolley, Detroit, do
 38 3 sizes Butts patent animal traps, O Bellows, Detroit, do
 45 bble hand plaster, Joseph Law, Detroit, do
 41 1 bbl calcined plaster, Marsh & Co, Sandusky, O, do
 42 Specimens of alabaster marble, G B Smith, Sandusky O, do
 44 1 case of jewelry, Fred Rolshoven, Detroit, do
 45 Lake Huron grind stone, L B Johnstone, Willow Creek, do
 38 Case of gold pens, Chas Piquette, Detroit, do
 50 Varieties of small fish, J P Clark, do do
 51 Metallic burial caskets, J H Farwell, do do
 55 Palmer's patent paragon planes, J S Vernor, do do
 58 Equatorial sextant, Austin Burt, do do
 62 2 medium ledgers, F Ray and, do do
 68 Singer's sewing machine, Wm Porter, do 2d prem.
 70 Home sawing machine, H Coon, Cleveland, 3d prem.
 72 Bell-vent hydraulic cement, G Morton, Sandusky, do
 75 Portable gas works, Dudley & Holmes, Detroit, Medal
 76 Steam heater, Dudley & Holmes, do Medal
 79 Coal from the Detroit & Jackson Mine, G S Frost, do diploma
 78 1 Monument, A. Bencksenberger, Farmington, do
 81 Dressed siding and flooring, G G Blindbury, Detroit, do

- 84 3 Russia bound books, Richmond & Backus, do do
 88 Domestic hollow ware, D M Pearce, Concord, O, do
 89 Model portico, James Stewart, Detroit, do
 91 Specimens of wrought iron, Wyandotte Rolling Mills, do
 93 6 pine planks, Brooks, Adams & Co, Detroit, do
 94 Old comblon coffee pot, Arthur Burnham & Silroy, Philadelphia, do
 95 Old dominion coffee pot, do do
 100 Arthur's board measure, Thos Bouton, Philadelphia, do
 102 2 Boxes mould candles, Detroit Chemical Soap Co., do
 103 Nonpareil B'acking, John Hall, Detroit, do
 105 Case of California gold specimens, J Ling, do
 106 Iron fence posts, King & Brothers' West Andover, O, do
 109 A fire engine hose slushing machine, Geo C Walker, Detroit, do
 109 Patent station indicator and distance metre, do
 109 J R Lillibridge, do do
 109 1 four eared boat, J R Cunningham, do do
 114 Specimens of stone ware, P S Halsey, do do
 115 Leroy brass band of N Y, S S Foster, do do
 116 Porcelain teeth, by the Cleveland Manufacturing Co, Whiting & Benedict, do do
 117 1 bale of pressed hay, John Whiting, do do
 119 Wright's bedstead fastener, A B Taylor, Buffalo N Y, do
 120 Harrison's patent block letters for signs, A B Taylor, Buffalo, N Y, do
 121 India rubber door mats, O Bellows, Detroit, do
 113 Broom handles, J D Comstock, Adrain, do
 122 Washing machine, P R Rodier, Detroit, do
 127 Mofel rail road locomotive, P R Rodier, do do
 139 Rail road passenger car, H H Brown, do do
 139 Wheeler & Wilson's sewing machine, (double thread) L D & H C Grigg, 1st prem, do Medal
 132 Weather strips for the bottom of doors, S W Patchin, do do diploma
 136 1 Tidy, Mrs D Woolsey, Marshall, do
 137 Hermetically sealed cherry pie, Mrs E F Haskell, Monroe, do
 124 Gordon's fire fly card press, Henry Barnes, Detroit, do
 139 Fowlers percussion matches, Henry Fowler, do
 142 Specimens of Grand Rapids plaster, Wm Laraway, Grand Rapids, do
 143 Oval edged silver plated steel head board rules, A G Hicks, Cleveland, O, do
 147 Cylinder & surface discharging water wheel, J A Murray, Buffalo, N Y, do
 150 Patent improved safety bar stirrup iron, Nathan Post, East Cleveland, O, do
 151 Patent improved harness buckle, Nathan Post, do
 143 Miniature race boat, J R Cunningham, Detroit, do
 152 Self acting farm and land gates, S J Sherwood, Beloit, Wis., do
 154 Case of insects, Chas Gidday, do do
 155 Carnay birds and West India wax bill, H H Owens, do do
 156 3 bbls, land plaster, Hovey & Co, Grand Rapids, 2d prem, do
 158 Continental fire engine, B Vernor, Detroit, do
 159 Patent horse collar block, B W McClure, Pike, N Y, do
 160 Glass case of dentistry, Wm Cahoon, Detroit, do
 161 1 new passenger car, with Cases patent seats and sleeping couches M C R Co., do
 The attention of the Committee was also called to several magnificent and highly finished passenger and freight locomotives, manufactured by the M. C. R. Co., at their shops in Detroit, which although not entered for premiums, were, in the opinion of the Committee, entitled to special notice.

The Committee also desire to recommend as worthy of public attention many articles in regard to which they did not deem it best to bestow at this time diplomas. Among which are the following:

- M. C. R. Co. Cos. Magnificent and highly finished passenger and freight locomotives. Manufactured at their shops at Detroit.
 J. S. Farrand, Hay Scales.
 Ruth's Patent Animal Traps.
 G. B. Smith, Alabaster Marble.
 S. P. Clark, Variety of small fish in aquarium.
 Monroe Ru en's, English Organ.
 Old Dominion Coffee and Tea Pots.
 J D Comstock, Splendid broom handles.
 Mrs. E. N. Haskell, Hermetically sealed cherry pie.
 Mrs. Woolsey, Tidy.

COMMITTEE.

B. G. Pattison, Marsh Giddings, W. H. Jennings,
 A. S. Berry, A. N. Hart.

The State Fair.

GENERAL REMARKS.

In the present number we publish a list of the premiums awarded at the late State fair. The fair is acknowledged to have been one of the most successful that has ever been held in the State, and from the observations which have met us in all directions abroad and in the city, this success seems to have awakened the people of the State to a more correct realization of the advantages afforded by

the State Society to agriculturists than they have ever had before. The complete prostration of the Society and the apathy which existed as to whether it continued to exist or not, tended in a great measure to deter many from visiting, who now regret that they were not present. This apathy embarrassed the officers of the Society, at every step, clogged all their endeavors, and rendered the labor of preparation, a drudgery, without the least hope of encouragement or of sympathy from the population most immediately interested, until at last the result of the work performed, attracted the attention of the daily press of Detroit, and during the week previous to the fair, it yielded the fair a hearty, energetic support, which not only aided to correct the false impressions which had occupied the public mind, but helped very much to crown with success the efforts of the managers. We have never before known the annual exhibition to have been so well, and so minutely reported, and its details so promptly announced and published. In this respect our daily papers equalled in every respect the much vaunted efforts of the most energetic of the great metropolitan press.

The design of the Business Committee, was first to secure grounds which of themselves would present inducements to visitors by proximity to the centre of the city. Next the grounds needed to be adapted to the purposes of the fair by fitting up a track for the show of horses, and by the erection of fences, of buildings, which would afford shelter for stock, and buildings which would meet the wants of exhibitors. The uncertainty of the weather, and the kind of structures usual at fairs, which afford very little protection to articles of value, liable to damage when exposed to rain, deterred those who would have contributed to render the fair attractive, and hence the Committee determined to shingle the roofs of the buildings devoted especially to works of art and of domestic manufacture. When this was known contributions came readily, and some of the choicest paintings in Detroit were presented by their owners to render the department of fine arts a worthy exhibition. The grounds selected, very happily were laid out so as to meet the wants of the Society, and with such a ground work, it was easy to erect the superstructures.

In consulting upon the wants of the exhibition itself, it was determined to provide means to accommodate all the stock with shelter so that none might be removed from the grounds during the fair. Then it was necessary to have halls which would protect exhibitors from loss or damage, by foul weather, and these halls were to be rendered attractive, by appropriate decoration, and harmonious design. "Expend," said one of the Executive Committee, "all the means necessary, and give us a Floral Hall that will be a model, and which itself

shall prove so attractive, by decoration, by its works of art, by its floral designs, by its music and its general beauty, that it will be worthy of a visit by every citizen of Michigan." This idea was followed up by the Business Committee, and the Floral Hall of 1858, stood as a bower of elegance and beauty that will long be remembered. It was not so extensive as we could have wished to have seen it, as the means of the Society were limited; but in completeness, arrangement, decoration, it has not been excelled anywhere. A visitor to the New York State Fair, informs us that in this respect, and some others, Michigan excelled the Empire State. We saw the very grand and beautiful Floral Hall of Ohio, at Sandusky, and with the exception that it excelled in size, it was in no respect superior, and in some it did not equal us. On this hall the Chairman of the Business Committee lavished his time, and here also the taste and genius of the artist, St. Alary, found scope, and gave the fair a character for the display of art and of good taste, which we feel bound to hope will prove of service in the future.

The Hall of Domestic Manufactures, though larger than any ever before erected, and generally supposed rather too capacious, and with but little hope that it could be filled, was nevertheless crowded with articles from the needle, the loom, and the workshop, and was so attractive in its general display that it fairly divided the attention of visitors with Floral Hall. There never has been so good a display of needle work in this State, as there was shown at the late State Fair. It poured in upon the Committee from all quarters, and most materially aided by its display to the interest of the fair, showing that the nimble and industrious fingers of the fair sex, are as necessary to promote an agricultural exhibition, as the energies and labor of their lords, in the barn yard and the field.

The whole number of the entries of cattle was 217, against 177, last year. Of this number, 75 were selections from the herds of the most distinguished breeders of shorthorns in the State. M. L. Brooks, of Northville, contributed six cows and five heifers in this class; and his brother, A. S. Brooks, of Novi, nine head, amongst which was the two year old bull, John O'Gaunt, to which was awarded the second premium in this class; and which exhibited such excellence that the Committee were so evenly divided as to whether the first premium should be given to him or to Orpheus, that they resigned, and a new Committee had to be appointed.

The Messrs. Sly and Sons, of Plymouth, exhibited seventeen head of short horns, in which they drew four first premiums. Their bull was a yearling, sired by Sirloin, and of which we have already spoken in former numbers of the FARMER. Amongst their calves were animals from Guelph, from Sirloin, from

Balco, from Duke of Athol, and from New Years Day, all bulls of the highest reputation. We think they should take an early opportunity of getting a strong infusion of the Duchess blood into their herd through Orpheus. Their own cows trace back through the Vail and Haswell stock to the Bates of Kirkleavington herd, and as the Duchess stock was raised to its superior position by him, we feel sure that the cross would show a superiority. Mr. Uhl, of Ypsilanti, exhibited seven head, and his bull Lenox was awarded the first prize in the class of bulls of four years old and over. Whilst Mr. Uhl has now a bull of the first rank, he must give close attention to the quality of his cows, for it is in this department that Michigan breeders are behind their brethren of Ohio and other States. In this class also, Mr. J. Starkweather, of Ypsilanti, showed his shorthorn of the Van Cleve stock, named Americus. He drew the third prize, Mr. Dwight, of Detroit, drawing the second with his bull of the Belknap stock named Tuscarora. B. Loveman, of Owasso, also exhibited a remarkably fine yearling as large as a good common three year old, which he had brought from Ohio, from the herd of A. Hawkins, of that State. The Shiawassee folks have certainly got a good animal, of fine points, a good color, his quality unmistakable, of superior thriftiness of growth, and we hope to have a good account from them. The farmers in that section we hope, on their own accounts, will make use of the means of improvement, which Mr. Loveman has brought within their reach. We commend "Superior" to their notice and their patronage.

Mr. J. B. Crippen, was on hand with Orpheus, and Speck, Beauty, Sarah Chambers, and Viola, four cows of remarkably even character, full in their points, and the three last named, taking first, second and third prizes. We regretted to see but very few of the Lenawee breeders present. Mr. Lewis Potts, and Thomas Briggs, of Clinton, being the only ones on hand, the first with Sir Don, and the latter with Miss Kerr, to which was awarded the first premium as a three year old.

The arrangements for the exhibition of the shorthorn and other blood cattle, gave all a most excellent chance to pass upon their merits. The second day of the fair was set apart especially for the examination of the cattle. The examination of horses was not permitted till late in the afternoon, and the track was blocked by drawing Joseph Tireman's two horse wagon load of pumpkins across it, so that fancy teams and their drivers were obliged to rest from their exertions to call out the admiration of the crowd, whilst the Amphitheatre was filled with ladies and gentlemen, who examined with much interest the proceedings of the judges.

This year we had a fair show of the Hereford stock. While attending the Ohio State Fair, sev-

eral members of the Executive Committee invited exhibitors of Hereford's at that fair to bring up their stock, and Mr. Thomas Aston, a breeder of first rate Herefords, accepted the invitation, and brought up four head, namely his three years old bull, Fair Boy, his yearling bull, Grand Duke, a cow, Duchess, imported, and a heifer two years old, bred by himself. Each of these took a first premium. Mr. C. N. Bowen, of this State, and a resident of Lima, also exhibited this year three head, namely, Lady Sotham, bred by Mr. W. Sotham, of New York, and Gallant, a two year old bull, and a bull calf, Wolverine. All these animals, though not having competition, were very worthy representatives of the breed, and of the classes which they were placed in. The Executive Committee acted with great liberality also, allowing Mr. Aston to compete without reference to his coming from another State. We hope to see more competitors of the same kind here next year, and we have no doubt of their presence, if we can only hold out fair inducements.

There were 39 head of Devons present, from the herds of this State, besides a number brought up from New York by Mr. J. W. Hamlin, of Erie county, New York, and one or two heads from Canada. The Messrs. J. Ballard & Sons, from Berrien county, were present, with six head from their herd. Their three year old bull, Major, was awarded the first prize in his class, and Red Lady, a heifer two years old, of fine qualifications, was also awarded the first prize, but our own favorite in this herd, Mayflower, was placed only third. Despite this adverse decision, we have yet to see a finer bred and more perfect animal in her class, though not so large in size as some. Major is a bull of very perfect form, and of fine quality.

John Allen, of Coldwater, brought out a herd of 12 head, which bore off five first premiums. He is doing well, but needs a little fresh blood amongst his females. A few of the latest importations of Devon stock would aid him much. C. H. Williams, also of Coldwater, had 15 head with him. They made a fine appearance, especially as his herd is remarkable for good breeding, and combined with size. He had several heifers from the Hamlin stock, and one from that of C. S. Wainwright, of Eastern New York. Calvin Pierce, of Disco, Macomb, had on hand some stock which represented the Northeast section of the State very worthily, and which bore off their share of the premiums.

There was much excitement on the subject of working oxen, as the test of draft, though prescribed by the rules, had not for several reasons been practiced. This year, Oliver Newberry, Esq., very kindly loaned the Society all the pig iron needed for the purpose of testing the power of draught of the animals to be tried, and the trial was quite interest-

ing. One of the questions brought up, was whether a pair of oxen that had been decided the first, and which had drawn the premium at a fair held in 1855, but which had not been tested by actual draught, could be allowed to compete for the first premium. For instance, C. W. Greene's yoke, drew the first premium in 1855, but was not tested by actual draught; the same yoke was entered the present year, and submitted to the test, where they excelled every other yoke, drawing many hundreds of pounds more than any of the others tried. This yoke having drawn the first premium in the same class, could compete, and if not equalled or excelled, was entitled to the first premium, which the rules prescribe shall be a diploma. The next yoke could only be entitled to the second place, for it will be seen that what had been first the year before, was still first, though not entitled to a money premium, and must remain so as long as the owner chose to enter them for competition, and they were not beaten in the same class. The Society does not hold out inducements to competitors to enter the same animals year after year in the same class, but if the owner takes the chances, and his animal excels all others shown, it is evident that it is the first at that fair, and the others can only be next to it, or second. We note frequently that it is said an animal cannot compete if it has taken the premium the year before. This is wrong, *it can compete*, but it cannot carry off a second money premium in that class.

Amongst the working steers we noticed a splendid matched twin pair, owned by John Starkweather, of Ypsilanti. They were grades, with a cross of Devon, which give them color, and they were beautiful, in proportion, size, quality, and form.

It is astonishing that the class of milch cows are not better represented at our State fairs. It is seldom that we find an animal that may be considered a first rate milker, and combining with her qualities as a milker those that render her perfect as an animal to breed from. We note that the Committee report on this subject, and at the same time caution competitors that they must conform to the rules requiring sworn statements, of the production of the animal. This is a step in the right direction.

The Show of Horses at the State Fair.

The number of entries of horses at the State Fair was 318, being only three more than the number made last year. We have examined the entry book somewhat critically to learn the localities of the horses shown at this great annual gathering, and we confess to being somewhat surprised at the results. The following table will show how very low is the representation from the interior of the State, and will exhibit also the fact that after all our noise about improving the stock, there is really no great advance made, in proportion to the importation of

what are called valuable stallions, or we should see more signs of it, in the way of competition:

Wayne county.....	180
Oakland.....	52
Macomb.....	26
Kalamazoo.....	13
Washtenaw.....	12
Lapeer.....	8
Branch.....	7
St. Clair.....	4
Lenawee.....	4
Livingston.....	3
Calhoun.....	2
Monroe.....	2
Jackson.....	1
Ionia.....	1
Ingham.....	1
Genesee.....	1
Canada.....	1

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The design of this fair was to give the several classes an opportunity to be tried on the road or track, and also to be scrutinized in the ring or amphitheatre. Many persons object to trials of horses at Agricultural Fairs, because in some respects, it likens the exhibition to a horse race; but yet without the horse, both the farm and the Agricultural Fair would be very badly conducted, and possess but little interest.

It is astonishing that amongst men who are sensible on many points, there should be so little knowledge of what is requisite to place a horse in the class of thoroughbreds. Of ten animals entered, only one was allowed to compete by the judges, all the rest being ruled out as defective in pedigree.—There was a Black Hawk stallion entered as a thoroughbred! The horse to which the first premium was awarded, was Buford, entered by H. R. Andrews, a horse of much merit, and well worthy of the attention of breeders. The Committee on this class was C. E. Stuart, S. P. Brady, and A. S. Berry. They planted themselves on the rules laid down by C. E. Stuart in his report on the same class in 1854, in which it was strongly recommended that no animal of doubtful descent, should be allowed to compete in this class. Hence pedigrees were scrutinized with severity, and some ruled out, that seemed really correct. This is right. We are constantly having foisted upon us, horses as good stock animals, that are only fit to be used for labor or the buggy, and which being only mongrel themselves, serve to perpetuate a race of mongrels of no character and of little value.

The entries of draught horses were 18 in number, of which only a few exhibited the true draught character. In fact one was entered in the class as a descendant of Durock and Messenger, and a second prize awarded him, though if he had been true to such blood, he must have been a thorough bred.—The Alfred stock seemed to have the preference in this class.

That indescribable animal, the "horse of all work" had 131 representatives of all sorts, sizes, ages, and

sexes. In this class F. E. Eldred exhibited Hamiltonian and fifteen of his colts. These made a very imposing appearance when brought together. We note that some of the colts of Jackson were on the ground, and took premiums. The Abdallah stock, of which there were several left in this State, were also present, and when in competition, did well. Of the 25 premiums awarded in this class, we find that but 6 were awarded to animals claiming Black Hawk or Morgan descent; three to Hamiltonian's, three to Jackson's colts, and the remaining 6 horses of various families, 2 claiming Eclipse descent, 1 Boston, 1 Highlander, 1 Gray Eagle, 1 Printer, and so on. The Committee on this class were H. H. Emmons, S. Lyndon, Winfield Scott, Wm. Johnson, and Wm. McHardy, and they acted without fear, favor, or affection. They had, of course, a reasonably good time deciding on the merits of the several classes, but none could doubt their perfect devotion to the work, and desire to render the decision of the Society worthy of respect.

Class 16, the trotting stock was under the charge of M. E. Crofoot, K. C. Barker, and Wm. Hawkins, a committee that labored with the utmost diligence and fidelity to discharge their duties. The track on which the trials of this stock were made, is a half mile as surveyed by a competent civil engineer.—The trial of three year olds was made in the afternoon of Wednesday, and these young colts showed the following speed:

Names of owners.	Name of horse.	Breed.	Time.
R. Hunter,	Black Bashaw,	Bashaw,	8:26½
C. E. Leach,	Peg,	Morgan Eagle,	8:29½
H. N. Strong,	Baron,	Jackson,	8:30
Henry Moon,	Jenny,	Black Hawk,	8:24
C. A. Green,	Flora Temple, jr.,	Sultan,	8:24½
E. B. Smith,	Bob Ridley,	Black Hawk,	8:38
E. Wright,	Macomb Chief,	Morgan Eagle,	2:56
D. M. Uhl,	Gazelle,	Toronto,	3:30

The first premium in this class was given to Wright's Macomb Chief, which made extraordinary time for so young an animal. It may be well to mention that the dam of this colt was a mare of thoroughbred stock. The Bashaw colt of Mr. Hunter is one of the handsomest and most promising colts exhibited.

The aged stallions in this class excited much interest, and their trial was closely attended to. We have had occasion to notice "Moscow," to which the first premium was given, as a superior stock horse, located at Coldwater, in former numbers of the FARMER. When put to the test, he exhibited remarkable action. Vermont Hero, came in for the second premium. The time is thus reported by the judges, on the heat of the first day when the track was heavy, owing to the rain which had fallen:

Owner.	Horse.	Age.	Breed.	Time.
A. Lapham,	Frank Moscow,	6 years,	French,	3:07
Aaron Conger,	Tebeaux,	9 "	Fr. & Arab.,	3:18
H. Newton,	Oakland B. H.,	7 "	Bl. Hawk,	3:18
H. Newton,	Orphan Boy,	7 "	Bl. Hawk,	3:28
J. P. Holley,	New Star,	4 "	Bl. Hawk,	3:26
T. L. Campau,	Hercules,	4 "	Highlander,	3:50

On the next day, the trials were made with the following results:

A. C. Fiske,	Coldwater,	Moscow,	2:42½
A. C. Fiske,	Coldwater,	Vermont Hero,	2:53½
E. Wright,	Utica,	Macomb Chief,	2:51½
H. Newton,	Rochester,	Oakland Blk. Hawk,	3:09½
A. Conger,	Armada,	Tebo,	3:08
J. Starkweather,	Ypsilanti,	Sevastopol,	3:07½
A. Laplan,	Detroit,	Frank Moscow,	2:56½

The trial of horses in this class was extremely interesting, and though uninterrupted by the rain on the third day of the fair, was carried out to complete and satisfactory conclusion on the fourth.—Much of the good order and perfect arrangement of the trials, is due to the very commendable exertions of Sylvester Larned, Esq., who most kindly gave his services to the Society as Grand Marshall, a position which he filled admirably, and also to the fitness of the gentlemen who acted as Committee, each of whom were well qualified for the work, and gave it their whole time and attention.

In this class amongst the young stock, there came forward several Abdallah colts of remarkably good promise. Three of them took premiums in this class. Mr. Eldred's Kemble Jackson colt, Wild Dayrell, in the class of four year old stallions, was awarded the 2d premium. He was not entered on trial for speed, but merely shown as a stock horse. In their judgment, the Committee was undoubtedly influenced by the stock from which this horse is descended, being on the side of the sire a grandson of Andrew Jackson, and his dam as straight a Messenger mare, as can be found in the country.—With him was a gray colt, named "Pathfinder," three months old, that showed a fair trotting action. We are not amongst those, however, who care much for the precocious performances of infants in harness or out of harness. Wonderful colts are like other precocious juveniles, very good of their kind, but they are not the stuff that reliable and profitable horses are raised from.

The entries of matched and single horses were more numerous, and of rather a higher grade than they have been heretofore, still the matched carriage horses are not up to the highest standard.—There are too many that do not come up to sixteen hands, and when they are shown over that height, they lack in style and action. If we had mares of large size, and with a three quarter or seven-eighths cross of the thoroughbred in them, we might then risk the cross with the well bred Morgan or Black Hawk; and hence we find a demand from Kentucky for large Black Hawks, of good action, because then valuable carriage horses are obtained. But whilst we have nothing but mares of common stock, and rather undersized, and use a stock of mares to breed from, notoriously small in size, both by descent and by breeding, we cannot expect to raise carriage horses of the highest value, or that will come near to the best standards. Hence at this fair, there

were many beautiful teams, well matched, of fine action, but none that any man could take into New York market, and procure for them with ease the highest price paid for carriage horses of high grade. We undoubtedly made a better show of horses, so far as quality is concerned, than our neighbors at Sandusky, who fail more than we do, by doing just what we have done. We shall probably have to say something more on this subject, on future occasions, as it takes more than one lesson to make a scholar.

The Exhibition of Sheep, Swine, &c.

The growing of fine wool is one of the great productive interests, and of course should be very fully represented. This year we noticed that the competition was strong, although, we think, the several classes were not as fully represented as we have seen them heretofore. There seems also a very general disposition to make all sorts of crosses, as "a short cut," on the road to improvement in the quality of the fleece or of the carcase. Very frequently these crosses accidentally yield an animal showing marked signs of being a grade better than either parent, but wherever this animal is bred from, as it frequently is, the breeder begins to find that he has made a mistake. Just so with our sheep at the present time, instead of great care being taken to keep up the character and quality of either of the three great families of Merinoes, we find breeders switching off after vagaries of crosses, which in the end amount to nothing, as they neither pay in carcase nor in quantity and quality of wool.

A new breed, which is what the experimenters want to get, is not the result of one or two blind crosses. It is the result of a long experience, an outlay of capital, and a profound skill, that very few of the farmers of Michigan are prepared to expend on any single department of their stock. We had a great many of these crosses shown at the fair, and there were a good many premiums paid upon them. We saw none that we should have been willing to have let into a flock, for use, that we designed to improve, on any consideration, and we think the money of the Society, awarded for these crosses, was only so much thrown away, as there is really no permanent improvement, that can be shown to have been made by them in this State for the past ten years. The introduction of one really well bred true blooded Spanish or French Merino buck is worth more to the State, and fulfills better the design of the Society than a whole flock of these mongrels with no distinctive character of their own, and certainly without power to confer it upon their progeny. Mr. J. D. Yerke's pens of Spanish Merinos, were really good, and we noticed also, that Mr. Butterfield had a fine lot of French Merinos. He and N. S. Schuyler were the only exhibitors of French

Merinos. Mr. Butterfield's pens exhibited much care in the breeding of the class.

The classification of the mutton sheep was not such as to encourage those who have taken pains to introduce choice varieties to bring them forward.—A Leicester or Cotswold ought not either in wool or in carcase to compete with a South Down, or a Cheviot, yet all were put on the same platform. The Messrs. Whitfield, of Waterford, swept the premium list, although it must be admitted that there were some good specimens of Cotswolds and Leicesters present. Some of these latter, however, did not show that thoroughness of breeding which should entitle them to be considered full bloods.

In the class of swine there was a fine exhibition. We have not seen so many good hogs at the annual fair for some years, and the competition was even exciting. J. S. Tibbits, whose efforts to improve, and furnish stock to improve the swine of the State, have been judicious and persistent, was present with his Essex stock, which we did not see excelled at the Ohio State Fair. Mr. Eldred had present a fine large well bred Suffolk boar, which he brought up from Ohio, being bred from an imported boar of remarkable size and form. Dr. Gardner, of Northville, was present with his grades, and also Mr. Hamilton, of Royal Oak. In the grades there are several points which it ought to be the duty of exhibitors to show, and which the rules of the Society should elicit, but which are entirely neglected. Of what benefit is either a full blood or a grade, if they do not produce the most pork within a given time from their birth, and at a minimum cost for feed?—How can any Committee tell this without some sort of account or statement from the feeder or breeder? The mere fact that a good looking hog is shown at the State or County Fair, and takes the premium, is not enough; nor does it fulfill the objects of the Society, which are to make public what are the best modes of feeding, and which are the most profitable kind of hogs for farmers located in the several parts of the State to keep?

The show of poultry was very good, but not quite so large in numbers as it has been in former years when the Asiatic fever prevailed. Cressy & Hamilton, of Royal Oak, and Merrit and few others in the city, had some fine coops of fowls. But of the larger domestic fowls, such as geese and turkeys, there was no good prime samples. S. P. Wormly, of Marshall, had a fine, lot of crossed, wild and domestic turkeys in his barnyard last fall, than we have seen at all the State and County Fairs we have visited for the last two years, and as for geese we do not believe there is a good pair of well bred Bremen geese in the State. A first rate goose is a hard subject to find in our markets. There were no ducks. This also is a fowl which seems to be very little cultivated. Probably the full supply of the wild varieties

affects the market for this species, but we seldom see any very large quantities offered for sale, neither are there many crops of them to be seen at either State or County Fairs.

In the implement department there was a fine display, and many new and improved implements and machines, of which we shall make a note from time to time in future numbers.

The National Show of Horses at Kalamazoo:

The first attempt at a National Horse Show, such as has become an annual affair at Springfield, Massachusetts, was made at Kalamazoo during the past month, and we were pleased to witness that the exhibition resulted most successfully, and that the liberality and public spirit of the citizens was appreciated, both in and out of the State. The exhibition of horses was by no means what such an affair should produce as the picked produce of the whole west; but as the initiation of a series of exhibitions that will tend to improve the stock of horses, and elevate the standard of breeders, it must be considered excellent.

The arrangements for the exhibition were as good as could be desired or expected, taking into consideration that there was but little time after the organization and determination to hold such a show, and also, that it was the design of the managers to expend their means in premiums rather than in fixtures.

No effort was wanting on the part of the managers, to give satisfaction to those who brought stock to the exhibition. Committees were employed who waited upon each train of cars, and directed the owners of horses where they could be stabled and housed, and the citizens themselves vied in opening their houses, and tendering to all hospitalities of the highest order. Nor can we overlook the fact that much of the success of this noble exhibition was owing to the high standing and efficiency of the President, the Hon. O. E. Stuart, who most certainly gave all his energies to the task of rendering the fair successful, by promoting the utmost good order, and overseeing himself that the programme laid down was carried out with a promptness and punctuality that gave a high satisfaction.

We were pleased to notice that at the close of the exhibition, the clergy, in the persons of the Rev. Mr. Taylor, and the Rev. Mr. Freeman, gave their sanction to it by addressing the audience.—The Hon. S. Upham, a distinguished Senator of the Empire State, was also present, and made a short address on the occasion.

The number of entries of all kinds of horses, was short of two hundred, and the total number of horses shown did not exceed two hundred and fifty. This number does not seem large for so great a section of country as it was thought this show

would represent—nor is it! Still, as it brought forth the picked representatives of townships and counties over a large section, it afforded a most superior opportunity of judging of the quality of the stock which is being raised in this section of the west; and on this part of the subject we shall have a few words to say, as we pass in review over the several classes and the awards.

The whole list of entries were divided into the following nineteen classes:

1. Thorough bred stallions.
2. Thorough bred mares.
3. Stallions for general use.
4. Stallions three years and under five.
5. Stallions of two years and under five.
6. Mares with foal by their side.
7. Fillies of two years, and under four.
8. Fillies of one year, and under two.
9. Colts of two years, and under four.
10. Colts of one year, and under two.
11. Colts under year.
12. Matched horses.
13. Fancy matched horses.
14. Family horses (roadsters) mares or geldings.
15. Gentlemen's driving horses, geldings or mares, four years old or over.
16. Saddle horses.
17. Farm or draft horses.
18. Single farm or draught horse.
19. Stallions (roadsters).

1. The thoroughbred stallions present were five, namely "Princeton," a light chestnut, about 15½ hands in height, bred from imported Yorkshire, by John M. Clay of Kentucky, and now owned at Beloit, Wisconsin, by Messrs. Rubles & Rice. Princeton was unquestionably a well bred horse, with the fine neck and head, high withers, deep shoulder and chest of the thoroughbred. His barrel also was good, his ribs well let down, and his quarters good and muscular. His legs, however, had been *fired*, the sinews having given way, in some of his performances on the turf. We consider him a good horse, but not of the first class as a stock horse. He was awarded the first premium, an award that we were pleased with, as showing the liberality of Michigan men, and also as tending to encourage the introduction of horses of the best kind at future exhibitions. The Committee on this class consisted of Col. S. Loftus Martin, of Janesville, Wisconsin, L. F. Brownell, Wisconsin, and Henry Gould, Esq., of Chicago, gentlemen who were evidently determined to do their duty impartially.

The horse in this class to which was awarded the second premium was Stone Plover. It is unnecessary for us to say any thing respecting him. In awarding him the second premium, the Committee felt it to be their duty, after examining the horse and his pedigree, to recommend him in the most pointed manner as the most superior horse to breed from. In fact no man, after seeing the style, size, and quality of this horse, and knowing that he is the most direct descendent on both sides from English Eclipse, that there is in the north west, could doubt the benefits his stock will confer upon us. He

represents the *stoutest* blood in England, being from Cotherstone, he from Touchstone, he from The Camel, he from Whalebone, from Waxy, from Pot8-toes he from the celebrated English Eclipse.—Every one of these being the *most distinguished* of winners and the *most distinguished* of stock getters. On the side of the dam, Stone Plover traces directly back through Slane to Orville again, that most celebrated horse having been the sire of the dam of Slane; and by Gitana his grandam to Tramp and Walton, each of them first class in their day. We would not be thus particular, but we heard many doubts and much cavilling as to this horse, and his qualities, during our stay, and we deem it but just to the Committee to make public the grounds of their decision in his favor, especially as one of the judges dissented.

Sir Henry, a horse owned in Kalamazoo was shown in this class. We have several times spoken of this horse as being one of the best to improve the breeding of the mares, that we have. But we were not aware that he was claimed as a thorough bred. As we heard many doubt the fact that he was fully bred on both sides, we should be pleased to receive his pedigree from some correspondent who is posted.

Buford, a son of Glencoe, owned by H. R. Andrews of Detroit, was also a competitor. He also is of fine size, and of excellent quality, as a stock horse; and as a thorough bred, is much liked. We think, however, we should prefer Princeton to him as a stock getter, the latter being deeper in flank, and fuller in loin and quarter, with a better head, and shoulder, though not of so good a size.

Zingaro, was shown by Mr. Morris of Burr Oak, and except in size, is excellent. This horse is of very famous descent, being a son of Trustee, and out of a daughter of Gipsey, the dam of Pryor,—that daughter being likewise a granddaughter of the celebrated Emilius, the sire of Priam. This horse exhibits a wonderful stoutness, and great compactness and substance. As he has evidently been stunted, and comes of a large family, we feel confident that his colts will be of good size, and very superior.

There were no thorough bred mares exhibited. Such a fact shows that we shall be obliged to depend upon our neighbors in other states for a supply of the highest class of stock horses. There are some good animals in our state nevertheless, and we name Madeline, Hebe, Gertrude, and Mary D., as brood mares of this class, which would have shown well in this exhibition.

3. The Stallions of all work over five years old had a very fair representation in numbers, and in quality. The first prize being borne off by Hero, of Coldwater, who was remarkably well driven, and of late is showing a much higher turn of speed as a trotter than he was supposed to possess when first

brought into Michigan. He is a Black Hawk. The second prize was also awarded to a Black Hawk, known as "Glen Black Hawk," owned by F. E. Eldred of Detroit. He was groomed up to a high polish, and with his white surcingle, black skin, stylish carriage, and light harness, he captivated the attention of the crowd, making a good trial trot. We do not find fault with the awards of the Committee here; but it will do no harm to point out one or two facts, which seem to indicate, that speed should not be altogether looked upon as the only test of the *stallion* of all work. There seventeen entries and of these, thirteen were Black Hawks. Of these would it not have been well to have asked how many really possessed merit as superior in the only true point of merit in a stallion, namely ability to produce colts of the best and highest grades that would be worth the most money in market. Black Hawk Beauty, the sire of the best five colts shown at the State Fair, and certainly a horse of this class that produces a wonderfully even colt, possessing much substance and style, himself as handsome as a picture, stood no chance. Trudeau's Fox Hunter, a horse hard to beat in any point, not slow, and showing excellent points as a stock getter, had no chance, neither had Frank Randall's Oscar, both horses of the same stamp. With the field of matched and single horses that were present, it is somewhat strange that judges should overlook the quality of the sires from which a future generation of stock is to come. It may be asked now, whether it would not be well if either of the premium horses should come up again, to contest the championship, and we think they are bound to answer the challenge of all that may call in question their right of precedence, to require that they should show their colts, from common half bred dams, as proof of their excellence in the quality in which they should be most valuable—viz., sires of stock for all work.

In the draft class, as in the thorough bred class, there were no mares, showing, always that too little pains are taken with the female side of the stock. The premiums in this class were awarded, we think, with much discretion, to George Hodges, of Charleston, Kalamazoo co., for his "Norman Tiger, and to A. Healy, of Kalamazoo, for his "Duke of York," both horses that are calculated to do something towards giving size to farm stock, combined with action.

In the class of young stallions, which included all from three to five years old—a division which is not calculated to be popular, for it is difficult to get judges who have experience enough to enable them to take into consideration the difference there is between a three and four year old—the largest number of entries were of Black Hawk and Morgan stock. We think most of them would do the State better service, were they in the form of geldings, than

as they are now. One of the best, in this class, was entirely overlooked, and as his family is remarkable for action, speed, temper, and the qualities that make the stallion of all work valuable, especially if they be proved to exist as a family trait, we think him entitled to a notice—we mean the "Down's colt," of Ceresco. In substance, style, and action combined, he was superior as a stock horse to either of the premium colts in this class. Mr. Hibbard's "Harry Lothrop" took the first premium, a smallish chesnut of fine action, and a good trotter. The second prize was given to "Frank Porter," a colt belonging to J. Parish, of Yankee Springs, from his well-known pacing mare and Flying Cloud. Good stock, but the colt was small for stallion of all work. In this class we found Eldred's Kemble Jackson colt, but he expected no award not being driven in harness.

There were seven competitors in the class of two year olds, and to most of these the same objections might be made as to quality, that were made above. J. Frakes, of Schoolcraft, with "Jemmy Lancaster," took the first prize, and E. Trudeau, of Niles, with "Flying Cloud," took the second.

In the brood mares, there were ten very good animals, the greater number of them being excellent as dams. A daughter of Trustee, named High-flyer, owned by H. Wright, of Coldwater, took the first premium. She was very good, and so was Mr. A. S. Berry's Messenger mare, to which was given the second prize. Frank Walbridge's mare, "Kate" drew the third premium. Another very fine mare which had no colt, was very properly awarded a handsome discretionary premium; she was owned by Mr. Bixby, of Kalamazoo. P. C. Town, of Florence, also had a good brood mare in the same predicament, but the committee awarded her a discretionary premium, and to this all the people said "amen," we joining in the chorus.

As we have to deal more with horses that will improve the stock of the State than with any other class, we shall not enter into any description on the colts and fillies shown, except to say that they gave evidence that some attention was given to breeding, and we quote the awards as follows:

CLASS 7—FILLIES TWO YEARS OLD AND UNDER FOUR.

First premium, F. V. Smith, Coldwater, "Gypsy," \$30.
Second premium, H. Case, Bedford, "Gifford Morgan," \$20.

CLASS 8—FILLIES ONE YEAR OLD AND UNDER TWO.

First premium, J. V. Spencer, Battle Creek, "Jenny L. Hays," \$20.
Second premium, E. H. Davis, Kalamazoo, "Black Hawk," \$10.

CLASS 9—COLTS TWO YEARS OLD AND UNDER FOUR.

The committee in this class report only one extra, that of F. V. Smith, of Coldwater, "Elder Sniffles," a fine colt, to which they awarded a discretionary premium of \$80.

CLASS 10—COLTS ONE YEAR OLD AND UNDER TWO.

First premium, P. C. Lown, Florence, "Rudolph," \$20.
Second premium, F. E. Walbridge, Kalamazoo, "Mentor," \$10.

CLASS 11—COLTS UNDER ONE YEAR.

First premium, F. W. Dale, Schoolcraft, "Black Hawk," \$20.
Second premium, F. E. Walbridge, Kalamazoo, "Doctor," \$10.

CLASS 12—MATCHED HORSES.

Sixteen hands and over.

First premium, Charles T. Gorham, Marshall, breed or name not given, \$60.
Second premium, B. W. Phillips, Allegan, "Prince" and "Charles," \$25.

The committee make favorable mention of a team owned by T. Swift, of Albion, but rule them out on account of one being a stallion.

Fourteen hands high and under sixteen.

First premium, B. M. Austin, Kalamazoo, "Fred" and "Tiger," \$50.
Second premium, E. O. Humphrey, Richland, "Jim" and "Dan," \$25.

CLASS 12—FANCY MATCHED HORSES.

The committee on this class make the following awards, but recommend the association to withhold the premiums on account of unworthiness:

First premium, Dr. Rider, Grass Lake, "Billy" and "Prince," \$50.
Second premium, O. Briggs, Constantine, "Jane" and "Jim," \$25.

The premiums were withheld.

CLASS 14—FAMILY HORSES, (ROADSTERS.)

First premium, Hiram Arnold, Kalamazoo, bay horse, "Major," \$30.
Second premium, A. O. Hyde, Marshall, sorrel horse, "George," \$20.

CLASS 15—GENTLEMEN'S DRIVING HORSES, GELDINGS OR MARES FOUR YEARS OLD AND OVER.

First premium, J. D. Mizner, Burr Oak, "Ben Franklin," \$30.
Second premium, James De Yoe, Kalamazoo, "Dick," \$20.

CLASS 16—SADDLE HORSES.

Ladies'.

F. V. Smith, Coldwater, ridden by Miss Laura Hinds, of Kalamazoo, \$15.

Gentlemen's.

Horace Mower, ridden by S. Robbins, \$15.

CLASS 17—FARM OR DRAUGHT HORSES, PAIRS.

First premium, A. C. Prutzman, Three Rivers, "Frank" and "Tom," \$30.
Second premium, Joel Davenport, Kalamazoo, "George" and "Prince," \$20.

CLASS 18—SINGLE FARM OR DRAUGHT HORSES.

First premium, S. R. Wheeler, Kalamazoo, "Columbian," \$10.
Second premium, Edward Hodges, Comstock, "Tiger," discretionary premium of \$5.

CLASS 19—ROADSTERS, STALLIONS.

First premium, A. C. Fisk, Coldwater, "Moscow;" time on two-thirds mile 1:54; silver cup, \$15.
Second premium, T. Bodfish, Ohio, "Prince Charles," \$10.

Third premium, A. C. Fisk, Coldwater, "Othello," silver cup, \$5.

Mr. Fisk, having received first and third premiums, was awarded two silver cups of \$10 value each.

We have space only to close our remarks on this exhibition with a word or two on the character of the matched and single horses, and the roadster stallions. There was not present at the exhibition, a pair of first class, matched carriage horses, either over or under sixteen hands. In the class of under sixteen hands, there were one or two pairs that would class high as second rate, but of the highest priced spans, not one was on the ground. Perhaps some of our readers would like to know what we mean by first rate. We want in this class to see a

span matched in color, size, form and action, possessing as much style as Black Hawk Beauty, and action as speedy as that of Moscow. Over sixteen hands we want geldings to look as much like Stoneplover or Sir Henry with a little more weight, as they can be had. There were no such horses on the ground, and there never will be until we get some more thoroughbred and large blood bred into our mares.

Amongst the fast horses kept for stock purposes, as roadsters, none appeared more preferable than Moscow. In his movement, style and general characteristics, he shows energy, and his points are all first rate, except his color which might be improved, as well as his size, though neither are below mediocrity. It is in such an exhibition as this that horses have to prove their metal, and when, as must be the case in the future, if we are to give due weight to the stock-getting qualities of horses, animals are shown with their progeny, we will be better able to sift the grain from the chaff, which now crowds on many of our State and county exhibitions.

A Few Notes about Stock.

During our journey home from Kalamazoo, we stopped at Dexter to pay a short visit to Mr. Henry Warner, and Mr. Arnold. We also made a short visit to Judge Dexter's farm. We found Mr. L. Jones confined to his room, by injuries he had receive whilst attempting to get out of the Dexter omnibus, whilst the horses were running away.—He was beginning to recover. At Judge Dexter's stables we found Sirloin, and a very promising bull calf of his, that seems now as though it might rival its sire in size and quality at the same age. It is a fine deep red roan. Here also we saw one of Stone Plover's colts, from a good sized dark brown mare. The colt is a good one, promising to be a dark bay or brown, and its action and points at this early age are excellent. It has grown well, considering that part of the time it had to be fed, owing to an accident having happened to its dam a short time after its birth.

Mr. E. Arnold, a short distance from this place, also has a colt that is not quite as large, being out of a smaller dam, that in color, style, action, and general appearance, would pass for a twin of that at Judge Dexter's, though its dam was a bright chestnut.

Here also we found Mr. Arnold using Ball and Aultman's mower. This mower is that to which was awarded the gold medal of the National Agricultural Society at the trial at Syracuse, N. Y.—He was cutting clover seed with it, and its work was done remarkably well, without any strain upon the horses, which was a pair of dark chesnuts, sired by "Postboy," and were fine specimens of half blood stock for farm purposes. This mowing machine operated superior to any that we have yet seen of

the kind, and in many essential points, is a near approach to all that can be asked for in any mowing machine. Mr. Arnold run it in and out of old potato holes, and it shaved the grass and weeds growing in them as close to the ground as though it had been perfectly level. The horses neither slackening their speed, nor pausing. The two large driving wheels, the manner in which the cutting bar can be lifted up and closed upon the carriage, and the ease with which the gearing is thrown out of action,—all of which operations were performed whilst we were in the field,—satisfies us that the introduction of this implement is a decided improvement in the mowing department.

At Mr. Henry Warner's place we found the heifer of Gipsey, which he bought of J. B. Crippen last fall, looking as all his stock does, in first rate condition. She has had a heifer calf by Orpheus, a red roan in color, and a most beautiful and perfect calf, with all the quality of its sire. If Orpheus will give us such stock as this calf shows he can, we may well be satisfied to have him put at the head of his class. The head of this calf is very fine, the body both deep and broad; the quarters both large and long; the loin full, and the flank all that could be asked; the legs are short and fine; the buttocks square, and the tail set on high coming out square from his back; the hide is mellow under the hand, as the breast of an eider duck, and the hair fine, long, and luxuriantly silky. She will pass any where as first class. Mr. Warner has a pair of the most magnificent working oxen that can be found in the State, and we learned that he is about to introduce some very choice short horn stock from Ohio during the winter.

We crossed over to General William's place, in Lima, and found the General had gone to Ann Arbor. He has erected a very neat cheese dairy house since we were there last winter, and we had the pleasure of inspecting as fine a lot of cheeses as can be found anywhere. Each cheese was almost fifty pounds in weight, and the flavor of those we tried was high and of the best quality. The whole establishment was a model of neatness and cleanliness, and it almost seemed sacrilege to enter without taking off our boots. The General is giving his attention more to his dairy than to stock, at present, though he has some good well bred cows in his pastures, which ought to be crossed with better males than he has on his place at present, if he means to keep up his stock of thoroughbred shorthorns.

As we have mentioned one of Orpheus' calves above, it will not be out of place to state that on the 10th of September Mr. J. B. Crippen sold Wolverine, a bull calf by Orpheus, from Shaker Lady to Wm. Curtis, of Wheatland, Hillsdale county.—Since the fair, he has also sold Farmer Boy, calf by Orpheus from Viola, to H. A. Tillotson and S. P.

Wormley, of Marshall. At the fair, he sold to D. W. Fox, of Lyons, Ionia county, Nelly Gray, a heifer calf by Orpheus from Beauty, and Lilly Dale, by Orpheus from Sarah Chambers. We most sincerely congratulate the Ionia people on getting such stock in their vicinity. From what we have seen of the calves by Orpheus, we feel satisfied that he is making a mark in this State that will be worth a great deal to breeders of fine animals. Mr. Fox had previously purchased of J. H. Welton, of Grand Rapids—the heifer, Minnehaha, by Haymaker, and we learn that she has now got a bull calf from Orpheus, whose quality is said to be very good. The calves above named we have not yet had an opportunity to examine, but mean to see them in the course of next month if possible.

Agricultural Notes.

Calhoun Co.—We copy the report of the Committee on Fairs from the proceedings of the Calhoun County Society; as showing the movement in progress in that sterling county:

"The judges on farms, report, that no entry for a premium has been made with the Secretary; consequently the Committee have been relieved from the responsibility of deciding upon the merits of different farms. Here the labor of the judges might end, but they beg leave to add that the improved condition of the agriculture of this county is being developed, and will compare favorably with that of any county in this State. Choice varieties of seed wheat are sowed, and every effort made to increase the product of this important staple by judicious tillage. Our wool clip commands the highest price in the market. Our native grade of cattle is being annually improved by the importation of the pure blood Devon and Durham and Ayrshire. The Devon cross is preferred by many for working cattle, that of the Durham for beef and the Ayrshire for the dairy. The fine display of horses shows that this noble animal is not neglected. Among the various improvements which farmers are making, we cannot too earnestly recommend the extraction of stumps by the improved stump machine. No other expense, it seems to us, can be incurred to so good an advantage for the present and ultimate improvements of most of the farms in this county as this. In addition to the space of soil reclaimed and the removal of these obstructions in the tillage of the soil, it opens the way for the use of the reaper and mower—the great labor-saving machines of the day. While there are so many good farms in this county worthy of being entered for the *Silver Cup*, it is hoped modesty will not keep back competitors. The enterprising farmer, of all other classes, is worthy of reward, and the one who can exhibit the most permanent and best improvement should receive the premium."—S. H. Preston, Wm. Hoskins, E. C. Manchester, Com.

Grapes.—At the late meeting of the Western Fruit Growers Association, Mr. Barry, in answer to a question from the Chair said "that at late meeting of the American Pomological Society, the Delaware and Rebecca excited the most attention among the new hardy sorts; and that the Delaware appeared to take the lead, being the only sort that was fully ripe then, and that on Long Island this crop was so early that it was difficult to find specimens for exhibition. He regarded it greatly superior in quality to the Catawba, when the latter was in its best condition. The Rebecca was very fine, but much later. The Concord did not come up in size or quality to what was expected by many members. The Hartford Prolific had proved a more valuable grape than was anticipated, and he had to take back what he had once said in relation to it. Although somewhat foxy, it was sweet, and a prodigious bearer."

Horticultural Department.

The American Pomological Society: Its Doings and its Difficulties.

It will probably be best to defer any extended notice of the discussions of the Pomological Convention, and of the lists of fruits adopted, until the publication of the official report of its doings. In the mean time it may be well to notice some of the difficulties with which it has to contend. The Society is composed of such persons as are prompted by their interests, or their tastes, to associate themselves with it; and, as might naturally be expected, is largely made up of dealers; embracing, however, a few of our most able and enthusiastic amateurs.

Happily it is the case, that some of our most reliable dealers are also thorough amateurs; but, as a whole, the fruit growing interest, as a department, is but sparsely represented, and hence there is a comparative lack of information respecting the characters that varieties of fruits sustain in the orchard, as distinguished from their standing in the garden and nursery.

At the time of organizing the society, and in fact until a comparatively recent period, the capacities and wants of the West and South were but imperfectly understood; and it is only within the last three or four years, that the difficulties of their climate have been properly appreciated *at home*, while the location of the meetings of the society, for a series of years, at the east, has failed to draw out a proper representation of other sections.

In consequence of these, and various minor difficulties, the lists of fruits recommended by the Society will be found to contain both market and amateur varieties, with no intimations of the purpose to which they are specially adapted; while a wider experience has developed the fact, that a comparatively small number of the varieties already on the lists are *universally* successful in any sense.

At the recent session of the society these difficulties had become so obvious, and so urgent, that a prominent member was induced to introduce a proposition involving a large amount of labor, and the co-operation of the horticultural talent of the whole country. The project was only rejected from the difficulty, if not impossibility, of securing the necessary co-operation. A resolution was finally adopted, instructing the General Fruit Committee to subdivide the list of varieties already recommended, and to classify them as market or amateur fruits. The amount of business already before the Society was so great, that it was judged impracticable to secure a report at the present session, and it was accordingly deferred till the next biennial session. The object of such subdivision is, to meet the complaint so often, and so justly made, that many persons are

misled by the Society's recommendations, and induced to plant, with reference to profit, of such varieties as are not adapted to that object.

It was felt and acknowledged, that this Society is unable fully to meet these difficulties; but that the States must rely mainly upon their local societies for lists adapted to their wants. Indeed, the fact is obvious, that the Society's lists are nearly worthless west of Ohio and Michigan, and also throughout the South and the Pacific region.

A very large proportion of the labor of the Convention was devoted to amateur fruits, especially pears, with only incidental reference to other objects. That this should be the case is very natural, if we consider that there was little if any representation present of the orchard interests of our country. This is doubtless to be regretted, and, when we reflect that the orchard interest is second to no other of its class, it is a matter of much surprise that those interested should consent to leave themselves unrepresented in the only national association adapted to their wants.

T. T. LYON.

Plymouth, Oct., 1853.

The Horticultural Department at the State Fair.

The show of fruits at the late State Fair, was meagre, and less in number than we remember to have seen. Still it was respectable, and considering how the season has cut off the hopes of the orchardists, very good. It will be noticed that the premiums for the best specimens of apples were confined to D. Clarkson, of Northville, Joshua Simmons, of Farmington, Thos. Hackett, of Roseville, A. Power, Livonia, Orson Ingalls, of Almont, and J. E. Ilgenfritz, of Monroe. This fact, in a State that is taking the first position in the Union as a grower of winter fruit, speaks louder than words as to the scarcity which has come upon our orchards from the effect of the season. There were in this department, no new varieties shown, and no new facts stated, which could render the fair of much interest to the fruit grower. The show of pears was better than usual, and there were quite a number of fine specimens of winter and fall varieties shown by Mr. Adair, Hubbard & Davis, Rev. Mr. Hunter, of Grosse Isle, and some others. It is evident that the culture of this valuable fruit is working its way forward, not however, in large orchards, in an extensive cultivation, but more gradually in suburban gardens, and in places where care can be given to the trees. Eventually we shall have varieties that will withstand the difficulties of the climate; and for them we must rely more than we have yet done on our own ability to raise new sorts by judicious hybridizing or crossing.

The Floral Hall this year did not lack variety for want of flowers. There were dahlias, phloxes, verbe-

nas, and many of the fall blooming plants in great abundance, and perfection. The professional men and amateurs in the vicinity seemed to take much interest in aiding to increase the beauty of Floral Hall, as well as in being competitors for the premiums offered. The show of grapes was very good, and those exhibited by Mr. N. Bour, of Detroit, Mr. John Hatcher, Mrs. Hallock, and Geo. Kelly, of Kelly's Island, as well as the products of some of the city gardens, attracted much attention. There were also shown many specimens of foreign grapes grown under glass.

The vegetable department was not largely filled, but it was good, and the samples shown were highly creditable to the growers. No vegetable occupies so very prominent a place as the potato, and new varieties or well grown sorts should be watched for with much interest at County and State Fairs.—Amongst those shown were a fine sample of the Carter potato, grown by R. R. Briggs, of Romeo, which for flavor, dryness, and that white mealy quality of flesh that renders a choice potato delicious, could not be excelled. These potatoes we had the opportunity of testing, and can pronounce of the first quality. The Carter is one of the best winter keepers known, it needs the whole season to grow and ripen in, and on timbered lands we think would do well.

In the midst of the fruits and flowers, of Floral Hall, there was an aquarium in which the visitors to the State Fair had a good opportunity to examine a large number of the various species of fish which inhabit the lakes. These fish were supplied for this aquarium by Geo. Clarke, Esq., Ecorse. Amongst them were one or two large sturgeons, pickerel of various sizes, perch, sheeps head, and catfish.—This formed a very great attraction. The banks of this fish pond was sodded with green on the outside, and lined with moss on the inside, and dotted with scarlet and yellow flowers. Doctor Godfrey, of this city, assistant of Mr. St. Alary, took great pains to have this part of Floral Hall in good order.

Close by this fish pond, and under arches of evergreens. Messrs. Stein and Bucheister had placed their grand first premium piano forte, and during the days of the fair, a skillful pianist, delighted the visitors with the choicest music, occasionally accompanied by vocal strains, from male and female voices, of extraordinary excellence.

Considered as a display of the good taste, and horticultural ability of the State, the exhibition had a most favorable effect upon the strangers who visited Detroit during the fair, and many with whom we conversed went away inclined to the belief that Detroit was not at all behind her sister cities, in the love of the arts that adorn and make beautiful the dwellings and residences alike of the poor and the rich.

The Rural New Yorker and Summer Apples.

EDITOR MICHIGAN FARMER:—As the "Rural" circulates considerably in our State, I wish to call attention to an editorial reply to a query, in the issue of Sept. 11th.

E. D. J., of Wolworth, inquires, "what kinds of summer apples would you plant in an orchard for market, that would fill up the space between the Sweet Bough and Early Harvest, and Fall Pippin." To which the editor replies as follows:

"Following the *Early Harvest* is the *Early Joe*, an excellent apple, and good bearer; the *Red Astrachan*, a beautiful fruit, but a little too acid to please some, and very productive. The *American Summer Pearmain*, the *Early Strawberry*, and the *Holland Pippin*, all coming in before the Fall Pippin, will give you sufficient variety!"

The writer is a native of the "Genesee Country," and has been at some pains to become acquainted with the pomology of that region, as well as of the Michigan; and it is his confident opinion that but one of the five varieties mentioned should be recommended as profitable for market. The *Early Joe* is doubtless one of the finest *amateur* fruits of its season; but whoever depends upon it as a market fruit will be sure to realize a vacuum in the money chest.

Red Astrachan promises finely as a market variety. The only doubt is, whether old trees will maintain the size and fairness of their fruit. The variety is comparatively new in our country.

American Summer Pearmain is the very prince of amateur apples, but no writer upon pomology has ever ventured to recommend it as profitable.

Early Strawberry is exceedingly beautiful and pleasant, but is decidedly too small for market.

Holland Pippin is fit only for cooking; and, even in that, respect, is neither as good, nor as profitable as *Keawick Codlin*, which covers the same season.

These recommendations seem to have been made by the editor with the carefulness and discrimination which usually characterize him. That he should have passed by *Benoni*, *Gravenstein*, *Porter*, and *Primate*, which are profitable varieties, recommended by the American Pomological Society, can only be accounted for by the supposition that he is a better amateur than orchardist. T. T. LYON.

Plymouth, Mich., 1858.

Is the Rhubarb Poisonous?

MR. JOHNSTONE:—Fine writing is no doubt a very fine thing; but I am reminded in reading the article in the September Farmer, on Rhubarb, that very much may be said upon a given subject, and said extremely well, and yet, that which is of highest concernment to be known, may not be therein expressed.

I do not, therefore, propose to prove myself an exception to the universal rule of imperfection in insight or expression. It takes a perfect prism to give us the series of colors that go to make the white light; while the broken lenses of individuality reflect but scattered rays of intelligence. Happy the mind that can, at whatever angle of refraction, make the smallest segment of this subject translucent in the light of self-evident truth.

But not to be prolix in introductory. In spite of the high esteem in which Rhubarb is held by many as a dietary luxury and necessity, and the continually growing esteem attendant upon its increasing cultivation, there exists in the minds of many persons a prejudice against it, as an article of diet, from current, and it would seem authenticated accounts of occasional injurious consequences resulting from, or in connection with, its use.

Some years of experience with this plant, and much of observation and experiment, have led me to conclude that in all cases where deleterious qualities had been manifest in its culinary preparation, it was not to be attributed to virulent properties contained in the Rhubarb, but the poisonous substances eliminated from the vessel in which it had undergone the process of cooking, or in which it had been kept for after use, through the action of its very strongly acidulated juices.

It is well known to all persons acquainted with the nature of chemical agents, that most metals, under the influence of acids, become decomposed, or oxydized, and that the rust, or oxydization, so formed, is more or less poisonous; and often very active and fatal in its results when taken into the animal organization. This subject should be studied, understood, and acted upon by every housewife, for there is no metal vessel in common use—such as iron, tin, copper, or brass—but will impart something of a poisonous quality to whatever fruit or sauce of an acid character that may be cooked in them.

Among all the fruit or vegetable products, there is nothing requiring so great care in fitting it for the table, in this regard, as the Rhubarb, or Pie-Plant. The question of serious consequences resulting from its use, in any case, would no doubt find a rational solution in a knowledge of the character and condition of the vessel used in its preparation.

I am the more fully confirmed in this view from a little circumstance occurring in my own family.

Wishing to preserve a quantity of the sauce for winter use, and not having suitable stone jars, or jugs, for the purpose, I proposed filling a tin can the early part of the season, and, after the lapse of a few weeks, to make use of the contents to test the suitableness of such method of preservation.

After suitable time, as was thought, the can was

opened, and several pies made from the sauce.—Most of the family who ate of the pie were made sick by it, but experienced nothing more serious than a short turn of vomiting.

Upon examination of the can, it was found that the tin, although new, had become entirely oxidized, and there was in the can sauce a decided metallic taste.

I am satisfied that in preparing, for present use even, it should never come in contact with metal vessels in common use. As a few times using will suffice to badly corrode the best new tin. Good stone earthen is the only admissible utensil in which to stew or preserve it. For pies, the most suitable method is to cut the stalks the same as green apples, and cook in the pie, and bake only on earthen plates.

The sauce, if stewed somewhat dry, and put up in good stone jugs, or jars, and properly sealed, will be as good for months as when first taken from the fire.

There is scarcely any thing that will add so largely to the table necessities, at so small an expense, as a bed of pie-plant, from a dozen to fifty roots, according to the size of the family to be supplied.—More especially in such a season as the present, when there is so great a dearth of the staple fruits, would it be considered by all who may be so fortunate as to be the recipients of so cheap and simple a luxury, as entirely indispensable.

Whatever may be thought most profitable for field culture, in the preparation of a bed for family use, the ground should be trenched to the depth of three feet, and be as rich with the best compost as may be, and not endanger the bed from drouth.

As to varieties, I find nothing better than the Wisconsin variety—as it is sometimes called—Cahoon's Seedling. And no other that I have seen will begin to equal it for size.

From less than three rods square of ground, I raised the past season \$15.00 worth before the 10th of July, besides supplying a large family during the summer, and I have plenty of stems at present to put up a hundred pounds or more for winter use.

A valuable peculiarity of this variety is its disposition to grow late in the season, throwing up strong stems until killed by freezing.

Another valuable characteristic, as I conceive, is the great size of the stem in proportion to its length. Stems from fifteen to twenty-four inches in length will present a circumference of from five to nine inches, and often more.

I have raised them that the leaf would measure twenty feet on the line of its outer edge, in circumference, and the articulated stems, above the main stem three inches or more in diameter.

B. HATHAWAY.

Little Prairie Ronde, Mich., Sep. 2d, 1858.

The Household.

"She looketh well to the ways of her household, and eateth not the bread of idleness."—Proverbs.

EDITED BY MRS. L. B. ADAMS.

More Experience—Shiawassee County—its Fair and its Farmers,

CORUNNA, Oct. 15, 1858.

I have reached this point in my third tour as collector of FARMER subscriptions, making it in my way to be present at the Shiawassee county Agricultural Fair, and must endeavor briefly to describe the exhibition as well as to give our readers some idea of this comparatively new region. The great contrast between this and the older settled counties of Michigan to which my acquaintance has heretofore been confined, makes it seem at first newer and wilder than it really is, considering how far inland it is situated, and the few advantages it has had, till recently, of ready communication with the outer world. Before the construction of the Detroit and Milwaukee Railway within the past few years, the only great thoroughfare through this and other western counties in the same tier was the Grand River road, and along its course are to be found some of the finest farms and handsomest farm houses in the State. But back from this road, and especially to the north and east, the land is generally heavily timbered, and farm improvements have progressed more slowly. Still, one can go but few miles in any direction through the country without finding abundant evidence that the spirit of progress is there, and though sadly checked by the prevailing "hard times," the partial failure of crops, and seasons of sickness incident to the clearing up of a new country, its working may be seen in the taste and comfort surrounding the many homes scattered through the wilderness, not less than in the variety and perfection of the products exhibited on the Fair Ground.

Corunna, the county seat, is a little north of the centre of the county, and consists of a few tolerably good houses and a number of very indifferent ones grouped and scattered over a very flat tract of land bordering on the Shiawassee river. The station house, where the cars make a brief stop, is, I should think, a full half mile or more from the village; it seemed a very long half mile to me, set down as I was in the midst of a drenching rain, and compelled to walk the whole distance without overshoes, and with no other shelter over head than a good sized parasol. For some reason no carriages run from the town to the station; perhaps it "will not pay," and passengers, when they do stop, have an opportunity to take a lengthened view of the suburbs and enjoy expected hospitalities a good while in anticipation. There is a good plank side walk, however, which may make a very pleasant footing when not soaked and

brimming with pools of water as it was on Tuesday, the 12th, when I passed over it.

In the course of the afternoon the rain ceased, and I went to the Fair Ground, which was situated a little on one side from the main part of the village. The weather was so unfavorable that but few entries were made the first day, and there was not much to be seen except the ground and the preparations that were being made for the wished-for pleasant-to-morrow. I noticed one thing that promised well for the success of the exhibition if the weather should prove favorable, and that was that the ladies, in spite of the wet ground, the cold wind and threatening clouds, persevered most energetically in their labor in and around the tent which was to be their Flor. 1 Hall. A high mound or pyramid was built up in the centre, and this they were decorating with moss, grasses, flowers and house plants, and suspending overhead festoons of colored tissue paper and graceful wreaths of evergreens. Adjoining this tent, and connected with it, was another for the display of domestic manufactures and fine arts. But the tables were yet empty, and having seen all, and considering how much my individual success on the morrow would depend on my own exertions, I went to a hotel, cold, wet and weary, to find rest, and try to regain a little of the courage and confidence which the chilliness of the weather and other equally chilling influences seemed to have quite frozen out of me.

Wednesday was more pleasant, yet the wind was high and cold, and the gleams of sunshine interspersed with frequent dashes of rain. The Fair ground was early filled with crowds of exhibitors and spectators. I paid my fee at the gate and went in with the rest, wondering how in that busy multitude, all strangers to me, I was to distinguish the delinquents whose names figured in the little red book I carried. All alike seemed in high spirits; no marks of a troubled conscience were visible; but I thought of an expedient that succeeded admirably. Through the worthy landlord of the Kingsley House, where I had put up, I obtained an introduction to one of the Superintendents of the Fine Arts Department, a gentleman who knew almost every man in the county, and, having shown him my lists, he lost no time and spared no pains in searching out and bringing to judgment as many as could be discovered answering to the names entered in the ominous red-covered book! To this gentleman and to Mr. Kingsley I am indebted for many kind attentions, and for all the success attending my efforts at collecting on the Fair ground.

The Fair was really an excellent one, and highly creditable to the citizens of Shiawassee county. It required a good deal of courage to brave the inclemency of the weather, but the farmers with their wives and children were evidently of the courageous sort, and thronged the grounds from morning till night in spite of wind and rain. They brought with

them the products of the fields, the loom, the dairy and the garden, but as I had business of more material importance than "looking around," I only passed hurriedly through those departments in which I felt most interested. The Floral pyramid was gay with flowers, and wreaths, and cages of singing birds, and the walls around were hung with specimens of embroidery, some very beautiful indeed, together with drawings, paintings, and other ornamental and fancy work. The hall of domestic manufactures was well filled with more substantial things, among which I most admired the rolls of fine white flannel, the yarn, the stockings and the mittens all promising so much comfort for the coming winter. Quilts, carpets and other evidences of household industry were, as usual on such occasions, present in respectable numbers. In another department there was a good display of bread, butter, cheese and honey, and the vegetables though not numerous in variety, were of fine quality. The show of agricultural implements was much better than I expected to see in so new a country. I noticed among them a beautiful fanning mill of exquisite finish, nice enough to stand in a parlor, several corn huskers, shellers, straw cutters, &c. Two or three times I started towards the other side of the enclosure to see the horses and cattle, but was not quite equal to the task of pressing alone through such a crowd of strangers, and so each time shrunk back within sight of the friendly superintendent, who, stationed near his tent door, still kept one eye on the look-out for my delinquents. I have no pleasure, and can learn nothing, in going the rounds of the cattle stalls and horse ring unless some one is with me who has a better knowledge of the qualities of the animals than I have, and such a companion, or indeed one of any kind being altogether lacking in this case, the stock shown at the Shiawassee Fair will have to pass unnoticed by me.

An able address was delivered in the afternoon by J. N. Ingersoll, Esq., Editor of the *Owosso American*.

The Corunna people may think this a meagre description of the exhibition of which they seemed so proud, but it is the best I am able to give from the few facilities afforded me of becoming acquainted with exhibitors, and what is lacking may be charged to the total want of attention on the part of the officers of the Society.

My own business prospered better than I anticipated thanks to the zeal of the gentleman before mentioned, and to the promptness of those who were so summarily called to account.

Yesterday, the day after the Fair, was cold, windy and rainy, but it did not prevent my going out. I traveled more than forty miles, most of the way over such roads as are to be found only in a new country, through heavily timbered lands during an adjourned and protracted equinoctial storm. Once the buggy

broke down in the midst of a dense forest, and I left it with the driver to work their way as best they might through the unfathomable mud holes beyond, while I went on foot a distance of three or four miles, and came out at length in the daylight of the clearings where some of our subscribers live. My driver found some nails which had been left by workmen in a shanty in the woods, mended his buggy and drove on, overtaking me just as I had left the last delinquent's house and was ready to turn back to the woods again. It was nearly sunset before we got dinner for ourselves or feed for the horse, and eight o'clock when I reached my comfortable quarters at the Kingsley House in Corunna.

I find that there is a general complaint of loss of crops through this county, and also much sickness, occasioned, as the inhabitants seem to think, by the bad atmosphere arising from the large tracts of timbered land which were burned over two years ago, and where much of the fallen timber now lies in a decaying state in swamps and pools of stagnant water. Some pinching economy will have to be practiced by the poorer class of farmers the coming winter, and many seem to think there will be much suffering for provisions throughout the northern counties.

GAINES STATION, Oct. 20.

I left Corunna for Owosso on the morning of the 15th. The two villages are but three miles apart, yet from the contrast they present they might seem to be a hundred. What an airy, fairy, delightful place Owosso is! The sparkling Shiawassee river courses through between dry and pleasant banks which slope gently back and up on one side, forming most charming situations for the beautiful residences which adorn the upper portion of the town; while on the other, to the distance of half a mile or more, spreads out a high and grassy plain. Owosso is an ambitious little town and its citizens have evidently taken much pains to make it what it really is, one of the beauty spots of Michigan. Bear in mind, I do not say this from interested motives, for of all that was due there I did not collect enough (except in promises) to pay for a decent newspaper puff! One of the FARMER'S warmest friends in that region is Mr. B. W. Davis, whose farm is about two miles down the river from the village, and to whose house I walked through pleasant woods bright with autumn foliage and sunshine. The stately native pines which grow quite plentifully on either side of the road and which the inhabitants have taken care to preserve, form a beautiful feature in the landscape. After a social visit and a night of grateful rest, I turned my face towards the south western part of the county, not, however, on foot, but with a village boy and team which was to be at my command till such time towards evening as would permit its return within seasonable hours. Finding that I should

be obliged to stay over Sunday in order to finish canvassing the county, I resolved to find the log house spoken of in our last number, and throw myself for the Sabbath on the hospitality of the parents of our young correspondents there mentioned. But about three o'clock in the afternoon an unexpected difficulty occurred. My boy had made up his mind to get back to Corunna to attend a horse race, and, though I was within six miles of my destination when he reached a road leading in the direction he wished to go, no persuasion could induce him to drive another step for me, and I was left alone on the top of a hill in a tolerably wild and woody region bordering on Clinton county. I knew from previous enquiry that we had a subscriber in that vicinity somewhere, and after some little search and travel I found him out, as I usually do all whom I get track of. This was Dr. I. T. Hollister at whose house I was kindly received and entertained till morning, notwithstanding my strange advent on foot and alone, and the dubious appearance I presented, spattered with mud and weary as I was. The doctor is quite an amateur fruit culturist in a small way. I was treated with some large delicious pears of his own raising, and learned that he took both the first and second premiums for both pears and grapes at his county fair. He cultivates a large number of the finest varieties of strawberries. While walking in his garden several blooms were discovered among the Crimson Cones, and upon examination it was found that nearly every plant of that variety was as full of buds and blossoms and half-formed fruit as if the season were June instead of the middle of October. Is not this something singular? Not a bud was found on any other sort.

I had a pleasant Sabbath morning ride through the still woods to the quiet home of our dear young friends. The time I spent in their society made me forget for a while the stormy week I had passed through. I saw the darling babe, white and plump and dimpled and good-natured enough to make any parents and sisters proud to have him for their own. Unluckily the rabbit was dead and buried, but I saw the calves; fine, sleek looking pets they were, but about as frisky as the Irishman's pig which would not hold still to be counted. Little Hattie ran to get them all together till her cheeks glowed like June roses. We walked through the fragrant clover in the orchard, and down beside a field of wheat of the darkest green, the most luxuriant growth, and covering the ground the most completely of any I have seen. This was the field in which our young friend wrote that her father had been practicing deep plowing. He will doubtless reap a rich reward next summer if the insects and the rust do not take it from him. I visited the barn too, a very convenient and well arranged one, of which I hope the owner will sometime give us a plan to publish for the benefit of those who may wish to build.

I was sorry when the hour came for me to leave, sorry to turn away from the bright eyes, the sweet, intelligent faces, and to have the gentle voices bidding me good-bye drowned in the noise of the wheels that were rolling me back to my hard and unwomanly labors again. But I felt that I must not shrink from the task I had undertaken. There was too much at stake to permit me to loiter another day even in so tempting a spot, and I hardened my face and set it again in the direction of some of our most heedless debtors.

Heedless is a mild term to apply to some of the men with whom we had to deal, men who have taken the FARMER for five, six, and even seven years without a care for the expense it has cost us or the first idea that they were under any obligations to return one cent for the benefit they had received. I am happy to say that such cases are few; still there are such men living, and I have met two or three within the past few days. I have found too that many post masters are sadly defective in the knowledge and performance of their duties, permitting papers to lie in their offices for years after subscribers have ceased to take them out, and, in some instances, disposing of them to other parties, never thinking it would make any difference to the publisher who received the pay, only so that the papers were got rid of. Such losses are met with more or less, I suppose, by all papers published on the credit system. I hope we shall soon be done with the system and the losses.

I have now been in every direction through every town in Shiawassee county except the north tier, where no delinquents were living. On the whole, considering the failure of crops, and the suffering by sickness that has prevailed to a considerable extent among the farming community, this trip may be regarded as a successful one. I am waiting at this little station in the woods for the cars to take me home again.

Sewing Machines.

Our friends interested in the prices of sewing machines will be glad to know that they are coming down; we mean those who are interested in the way of buying or wanting to buy. The high prices so long maintained by the best machines have stood in the way of many who would have supplied their families with this most desirable help-meet for woman.

We learn that the Messrs. Griggs, agents for Wheeler & Wilson's machines in this city, have recently received from the east a style of that patent which they are selling for fifty dollars. It is made plain and cheap, but performs the work on the same principle as the higher priced ones, and with equal facility and perfection. The Wheeler and Wilson patent has been a general favorite since its first in-

troduction to the sewing public, and the great improvements made upon it from time to time have rendered it still more valuable. It will be seen by the reports of the several State Fairs that it has taken six first premiums at as many different exhibitions. It was awarded the first prize at our own State Fair in competition with a number of others, a compliment it well deserved for the simplicity of its machinery, and the beauty, strength and perfect finish of its work. The agents are now receiving orders faster than they have been able to fill, but they will be constantly receiving new supplies of all styles of their machine so that those wishing to buy can be furnished at once with an article suited to their means.

Bread at the Fair.

In another place will be found the premiums awarded on bread at the late State Fair, together with the report of the committee on the same. The rules of the premium list required that directions for making the bread should accompany each specimen, and the neglect of competitors to comply with the same, cut off several from the chance of getting prizes. Below we give the recipes accompanying the premium loaves:

FIRST PREMIUM.—Salt or milk rising.—To one tea-cup of new milk and one tea-spoon of salt, pour in two teacups of boiling water, when cooled so as not to scald, stir in flour to make a thick batter, and set it in a kettle of warm water until it rises up light, which will be in about five hours, pour the batter into your pan of flour and mix with warm water or milk, in sufficiency to make four loaves of bread. Add a tea-spoonful of soda to the the wetting—knead thoroughly and put it in the pans to rise, which it will do in half an hour—bake one hour.—*Mrs. W. A. BACON, Detroit.*

SECOND PREMIUM.—Emptyings for raising, one half pint of water, two table-spoonful of sweet milk, one third tea-spoonful of salt mixed, and put in a warm place and stirred once an hour until light. Then to three pints of sweet milk, a little more than milk warm, add half a tea-spoonful of salt to flour sufficient to make two loaves to be baked in two quart basins. Let it stand in a warm place until the sponge is light, then knead, and when tight bake for one hour.—*Mrs. J. H. BUTTON, Farmington.*

FIRST PREMIUM.—Yeast rising bread.—To make these two loaves bread, four and a half pounds of flour one tablespoonful of salt, one gill of home brewed yeast and three pints of milk were used, the whole made into a sponge and set to rise at 9 o'clock A. M. At 11 o'clock the sponge was kneaded into loaves and set to rise again which required one hour. The loaves were then put into a stone oven and the baking occupied three fourths of an hour. The two loaves were then put into a stove oven and the baking oc-

MICHIGAN FARMER.

ROBERT F. JOHNTONE, EDITOR.

DETROIT, NOV., 1853.

The Weekly Michigan Farmer.

On the first page of the cover of this number, we present to all our friends and readers, the prospectus of the WEEKLY MICHIGAN FARMER, and hope they will read it attentively. They will notice, also, with it we shall commence the pre-payment or cash system. *No paper will leave this office after the first of January, unless the subscription is paid in advance.*

We have been connected with the press of Michigan for the past seven years, and know well the difficulties under which it labors, and of them all, none is so great as the credit system, which really not only consumes the principal invested in the establishment that practises it, but also eats up the life blood of the conductors, and leaves them frequently without capital, without credit, and without health or strength, to help themselves in any other pursuit.—When we first took charge of the MICHIGAN FARMER, we found that this system had been the practice, and we could not change it, nor has it been in our power to change it since, from the fact that so much was due us, and by subscribers we could not very well reach, and who were not then acquainted with us. Many also who had got in our debt, did not seem to care whether we were paid or not; no appeal could make them pay—and with the severe season of last year, the amount heretofore due us has increased to such an extent, that we have determined to make a radical change. Very many of our subscribers have paid promptly to postmasters and agents, but their money has remained for years in the hands of these parties, nor could we get it in many cases by writing, or even by going for it. It had been used, or was in use, and could not be reached, so that frequently we had our expenses or the expenses of an agent to deduct out of no receipts.

Again, whilst our receipts were in the hands of other parties, and we were forced to give them credit, our expenses for workmen, for paper, and material, have all been cash; and instead of being able to devote our whole time and attention to making the FARMER all we would like to see it, we on the contrary have had most of our time occupied in keeping its head above the financial surges which constantly threatened to overwhelm it. All these concomitants of the credit system have enforced us to adopt the rule of prepayment by subscribers.

We have been induced to change the MICHIGAN FARMER into a Weekly, by the expressed desire of a great many friends of an agricultural press, whose

cupied three-fourths of an hour. The two loaves weigh six and a half pounds.—*Mrs. A. B. MATHEWS,*

SECOND PREMIUM.—Weight of flour 4 lbs. 2 oz., weight of water 2 lbs., (1 quart), two table spoonfuls of brewers yeast, one table spoonful of common salt, weight of loaves after mixing, 6 lbs. 4 oz.; weight of loaves after raising and fit to bake, 6 lbs. 1 oz.; weight of loaves when baked and while hot 5 lbs., 6 oz.; weight of loaves when baked and cold, 5 lbs., 1 oz.; time taken to raise fit for the oven, 3 hours; time taken to bake, 45 minutes.—*Mrs. A. W. DEAN Hamtramck.*

FIRST PREMIUM—Corn bread.—Two eggs, one pint buttermilk, one pint corn meal, one table spoonful of soda, one teaspoonful sugar, half teaspoonfull salt.—*Mrs. F. LESLIE, Dearborn.*

SECOND PREMIUM—Corn bread.—One pint white Indian meal, one pint and a half of scalded milk, cooled, half a teaspoonful of soda, half teacup of sugar, three eggs well beaten, knead together and bake one hour.—*Mrs. AUGUSTUS DAY, Detroit.*

Premium wheat bread made by a Miss under eighteen years of age.—I put one cake of yeast into warm water, and sifted flour and mixed the yeast in, adding a teaspoonful of salt. I let it stand over night to rise, and the next morning kneaded it into loaves and baked it three quarters of an hour.—*EMMA SMITH, Detroit.*

Miss Emma was twelve years old the week of the Fair, and her mother, Mrs. R. C. Smith, certified that the above statement was correct, and that the bread was made by Emma without any assistance. We also heard her father say that his little daughter usually made the cake used by the family, and that bread making was among the earliest lessons she had learned. This together with the fact that the many other specimens deserving high praise were made and exhibited by young girls under eighteen years of age, proves that domestic education is not altogether neglected, and that it is taking a practical form calculated to win the favor of all who appreciate home comforts.

By communications received we find that some of our delinquent friends feel highly flattered and comforted by the remarks in our last issue, while others doubt whether the good opinion there expressed was really merited. We can assure all that every word was written in sincerity and good faith, and with no idea of giving undeserved praise to any one, feeling very sure that the one or two who were so ungallant as to dispute our bill or doubt our authority would never dream of appropriating a word of commendation to themselves, and still more certain that the "poor rich man" who was altogether above being troubled about such small matters as settling printer's bills, would be far out of reach of any blame or praise that we could give. These were exceptions, such as every one in business meets with more or less, and were not deemed worthy of notice in connection with such men as those to whom our remarks had reference.

letters assures us of a cordial support from the farming community by whom they are surrounded. They want a paper that will inform them of all that is going on in agriculture and horticulture at home and abroad, as often as once a week, and which will keep them thoroughly conversant with the markets, which is now of the utmost consequence to the farmers of Michigan, as every change in the markets on the other side of the Atlantic, affects the markets here in which they have to sell their produce.

In the WEEKLY also there will be more room for correspondence and communications, and we shall have opportunities of giving prompt answers to all inquiries which may reach us. Whilst we shall endeavor to make the WEEKLY FARMER as instructive and useful as possible in its own particular field, the men who are practicing in the field and the cattle yard must from time to time give us the results of their observations, and take some interest in sending us the facts which come within their notice. It is thus that an agricultural newspaper benefits, as it tends to make use of or correct the practices and opinions which prevail in special localities. We hope to hear from the sheep breeders, the cattle breeders, the horsemen, as well as the practical agriculturists often.

We hope also, to be able to keep the subscribers to the WEEKLY FARMER, advised through our news department of all public events, and especially of those transpiring in our own State.

We mean to make the MICHIGAN FARMER equal in every respect to any of its cotemporaries, but we cannot do this without a hearty and fair support from the community which it represents. We are ready now to receive lists of subscribers, and we shall mail to many of our friends a prospectus which we hope they will circulate immediately.

In the counties of Berrien, Cass, St. Joseph, Kalamazoo, Van Buren, Allegan, Barry, Kent, Ottawa, and Ionia, there are accounts due us to the amount of nearly two thousand dollars for subscriptions. These accounts we have placed in the hands of JOEL A. BALDWIN, who is authorized to collect and receipt for them. We hope that our readers will greet his calls promptly, as we desire to use a portion of this amount in getting out our new paper in good style.

There is much more than double the above amount due us in the twenty-three counties lying East of those above named, and it will be seen by reference to the Household Department, that Mrs. L. B. ADAMS has undertaken the task of collecting the amounts due the FARMER in some of them. We would respectfully ask our friends to aid her in this labor, by paying promptly, and giving her such assistance and information as she may need. We have sent letters upon letters until we are tired of

making out accounts and paying postage. We now make personal application, and want a prompt payment, and no more useless excuses.

The State Agricultural Society.

In the present number we publish a list of the premiums awarded at the State Fair, and have endeavored to make it as correct as possible. The numbers of the several entries are attached to each name, so that parties at any time may be able to refer to the entry books, if it should be claimed that any error exists. The receipts of the fair from entries and from tickets sold, was altogether about \$4,350. The amount of cash premiums awarded was \$2,500. The expenses of the fair and the payment of the debt of last year will leave the Society somewhat in debt; but against this they have the buildings and all the fixtures now on the grounds, which are insured for the sum of \$2,000, as well as some other articles of value, of which a full statement will be given in the annual report of the Secretary at the next meeting of the Executive Committee.

It will be seen that by a resolution passed at the annual meeting of the Society, it is proposed to circulate petitions to the Legislature, asking for an appropriation of \$3,000 for the next two years. Such an appropriation is needed to place the State Agricultural Society of Michigan on a par with those of other States. No State is more deeply interested in the proportion of its agriculture than our own, yet we are behind many in our live stock, in our rates of production per acre, and, in that thorough system of tillage, which is only to be obtained by the application of capital and of knowledge to the culture of the land, and the improvements of its products. The State of Michigan can well afford to foster an institution which will aid to improve us in each of these particulars. At the present time the State of Ohio offers premiums of \$50 for the best short horns that may be shown, and of \$100 for the best herd, and opens competition to all the States in the Union. Michigan, at her State Fair, offers \$12, and closes the field of exhibition to all except her own citizens. In actual practice, she not only affords little, if any encouragement to her own breeders to bring in foreign stock that will improve her own, but she discourages the breeders of other States from coming to her great annual exhibition, as there is neither reputation nor money to be gained by running the risk of bring stock from a distance to be shown here. Yet the State Society's fair is the place to which all should resort to gain a true and correct knowledge of what is the highest standard of form and points in animals, and what is the best in implements, in seeds, in practice, and in results. It is necessary, therefore, if we would have the State Society fulfill its functions,

that it should have the means put in its power, in addition to its own resources, to offer premiums that will bring to its annual exhibition the best stock from any part of the world, as well as all other articles that would add to the wealth of the State by their introduction. The experiment of this year has shown that the people of Michigan will sustain the exhibition when it is worthy of their support.—A combination of circumstances had depreciated the Society and its exhibition in the estimation of the whole community, and it was with difficulty, and only by a large outlay that adequate preparations could be made this year for a fair worthy of the State and of the city near which it was held. At the present moment the Society has regained its position, in public opinion, but is not wholly free from debt, it has buildings and fixtures that gave it a good start for another year, and it needs only that it should receive from the State such aid as may render it capable of fulfilling its functions, to make it still more useful than it has ever been.

Annual Meeting of the State Agricultural Society.

On Friday afternoon, October 1st, the President of the State Agricultural Society, the Hon. Charles Dickey, of Marshall, called the members of the Society to order in the Amphitheatre on the Fair Grounds, and announced that the hour had arrived which had been fixed upon for the election of officers for the ensuing year. He also announced that the terms of office of the following six members of the Executive Committee would expire on the 31st of December next, and that it was necessary that six members should be chosen in their place.

A motion was made that the Society now proceed to ballot for President, and that the President appoint tellers, which was adopted.

The President appointed Charles E. Kitton, of St. Clair, and W. W. Murphy, of Jonesville, tellers.

The votes being taken and counted, it appeared that—

Charles Dickey, of Marshall, had	83
A. N. Hart, of Lapeer	8
A. G. Wells, of Kalamazoo	2
A. S. Berry, of Lenawee	3

On motion, Charles Dickey was unanimously elected President for the ensuing year.

On motion, of J. B. Cuppen, of Coldwater, *Resolved*, That the election of Treasurer and Secretary be made *viva voce*.

Mr. Crippen then nominated as a candidate for Treasurer, B. Follett, Esq., of Ypsilanti, who was unanimously elected.

J. R. Bowman, of Pontiac, nominated R. F. Johnstone, of Detroit, for Secretary, who was also unanimously elected.

On motion of Horace Welsh, the Society then

proceed to vote for members of the Executive Committee *viva voce*.

On motion of J. J. Newell, of Lenawee, the motion of Mr. Welsh was amended so that the President should be authorized to appoint a committee of five, which should nominate the six members of the Executive Committee, which was carried.

The President appointed H. H. Emmons, of Wayne, D. M. Fox, of Ionia, J. D. Yerkes, of Oakland, Marsh Giddings, of Calhoun, and Wm. Murphy, of Hillsdale, such committee.

H. G. Wells moved that the President of the several County Agricultural Societies be appointed Vice Presidents for the ensuing year; and also that where there is no organization exists, the Vice President for such county shall be the same as is now published in the lists of the Society.

[We quote the following report of the proceedings from the *Daily Free Press* of Saturday, the 2d of October.]

Mr. E. N. Wilcox was then called to the stand to explain the cause of the organization of an opposition society. He said he congratulated this Society upon the complete and gratifying success that had attended this fair. The failure of last year had come near destroying the institution. The panic had left the farmers without money, and they needed their premiums, and felt the loss of them more than ever before; the storm that unfortunately arose on the first day kept people away, so that the receipts were very materially lessened, and the Society was unable to pay its premiums, and consequently much dissatisfaction arose. From this cause and the want of interest in the Society by the Detroit people, the committee feared their inability to hold another fair. Mr. Wilcox then spoke in very flattering terms of the exertions of Mr. Johnstone, the Secretary, to which he said the Society were mainly indebted that a fair had been held this year. When the committee had finally decided to hold this fair, bids were asked for from different persons in the vicinity of the city for grounds. Mr. Foster came forward with a bid; he brought satisfactory references, and described his grounds. His bid was received and kept private. The committee then went to Mr. King; they saw his grounds and much preferred them. Mr. King made them an offer which was not eligible. Other offers were received, and, after carefully considering them all, the Executive Committee fixed upon this place as altogether the best. After the decision was made Mr. King went to the speaker and asked to make another offer. The speaker told him that he could not do it. He afterwards waited upon Mr. Johnstone and left another bid with him. Mr. Johnstone felt disposed to do all he could to satisfy him, and even went so far as to call upon Mr. Foster and ask him to release the Society from their contract. This he refused

to do, and consequently we were obliged to hold the fair here. Mr. King had met Mr. Wilcox in the street and threatened to get up an opposition Fair, which he has done. We have met with an unexpected success, and we hope that Mr. King has met with no loss. These grounds are held by Mr. Foster on a three years' lease, and the Society can secure them for future years if desirable.

Mr. J. B. Crippen spoke in praise of Mr. Wilcox's exertions in behalf of the Society and moved that the thanks of the Society be extended to him, (a voice "and Mr. Johnstone.") Mr. Johnstone declined any praise and spoke in the warmest terms of Mr. Wilcox. The motion as amended was carried.

On motion of Mr. Crippen, the Executive Committee were instructed to circulate petitions to the Legislature for an appropriation of \$3,000 annually; for two years, in aid of the Society.

The committee to nominate members of the Executive Committee reported the following: H. G. Sly, Wayne; A. S. Berry, Lenawee; James Bailey, Oakland; H. E. Degarmo, Ionia; H. G. Wells, Kalamazoo, and Archibald Jewell, Cass. The report was accepted and adopted.

Mr. H. G. Wells moved that the Constitution be so amended that the Executive Committee shall consist of fourteen members instead of twelve as formerly. Carried.

Messrs. John E. Kitton, of St. Clair, and D. C. Henderson, of Allegan, were then elected to fill up the committee, the former for a term of two years, and the latter one.

The Society then adjourned.

Notes and Queries.

Stock for St. Clair County.—We sent up to Port Huron on the 6th of last month a very fine Devon bull calf, consigned to Lucius Beach, Esq. This calf was purchased from the herd of the Messrs. Ballard, of Niles, and is a son of Mayflower, one of the very finest bred Devon cows in this State, and whose pedigree is to be found in the MICHIGAN FARMER, and of Major, a bull of great merit, and whose pedigree is also on record. The calf himself promises well, and is in good keeping. He has not been pushed or crowded, but is in fine growing order, and will be found a good animal for the section he is going to.

At the late State Fair of New York, a number of those attending the fair, met in the evenings, and discussed sundry subjects connected with agriculture. Amongst the things stated was the assertion that a solid dasher for a churn would produce more butter than one that was perforated with holes. Who has ever tried the two, and can inform us if this be correct? If it should prove true, we do not know what will become of the patent churn men, and the atmospheric rotating plungers. At this meeting it was also stated by Mr. Clark, of Otsego, that Stowel's Evergreen sweet green corn is almost as good for milk cows as green Sorghum.

Fruitful Newaygo.—The Newaygo Republican states that "Mr. E. Douglas, of the township of Everett, raised a small

patch of potatoes, which yielded equal to 600 bushels per acre! Many of them weighed over one pound. Such is the products of those good for nothing openings.

The Scientific Artisan is a new weekly paper, published at Cincinnati, devoted to the interests of practical science, and especially to the interests of inventors. It is well printed, and will undoubtedly have a good effect on the inventive genius of the West. We have received only the first and tenth numbers, and should be much pleased to have it in our power to file away the intermediate ones. Will the publishers send them along.

We learn that Messrs. A. S. and H. E. Brooks, the well known cattle breeders, have purchased the imported bull, John O'Gaunt, and the imported cow, Camelia. We shall publish the pedigrees of these animals in our Stock Register at an early day. These arrivals will be found an acquisition in the neighborhood.

The celebrated *Duke of Gloucester*, shorthorn bull, with four Oxford and three Duchess cows, have lately been sold by Samuel Thorne to Mr. James O. Sheldon, of Geneva. We wish some of our breeders would introduce a few head of that Duchess family into this State. It would be found a good move.

A. Keene Richards, who is celebrated as introducing the purest bred Arabian horses into Kentucky, has visited England the present summer, and has sent home remarkably well bred blood stock to use at his breeding stud. Amongst them are a bay mare by Lancelot, out of the Nun by Catton, she is in foal to the Flying Dutchman, and has a colt with her by Stockwell; another mare, Emilia, with a colt by West Australian, and in foal by Fazzoletto; and a third mare, Melrose, by Melbourne, with a chestnut filly by Rifleman.

At the late New York State Fair, the President of the Michigan State Agricultural College delivered a very elaborate and able address principally on Agricultural Education. We have received several requests asking us to publish it in the FARMER, and will endeavor to give it in whole or in part in the next number.

We ask attention to the notice at the head of Grover & Baker's Advertisement. It will be seen that this firm have recently got up a machine which they can sell at \$50, instead of \$100. We have seen some most beautiful samples of sewing done by these machines.

Dorkings.—Who ever wants to improve their stock of poultry should pay attention to Mr. Dougall's advertisement in this number. He has some fine fowl that will prove an acquisition.

It will be noticed that the *Horticulturist* advertises the commencement of a new volume. We will receive subscriptions for it and our WEEKLY together at the rate of \$3 50 for both for one year.

Amongst the exhibitors from Michigan at the New York State Fair, was Mr. Augustus Day, who took down his shingle machine, which has elicited the commendation of all who have seen it work. Mr. Day's machine did not have a chance at the Syracuse Fair, as no engine and gearing was provided for the display of machinery at work.

We have received the first and second numbers of the *North Western Prairie Farmer*, a weekly agricultural paper, started by the parties lately interested in the *Prairie Farmer*. The old *Prairie Farmer* has become incorporated with *Emery's Journal of Agriculture*. We note that the proprietors of *Emery's Journal* have enjoined the proprietors of the former paper. It is a bad business for

newspapers to get into Court. They should set a better example.

Death of a Noted Horse.—The celebrated trotting horse Ned Forrest, who at one time was the acknowledged champion of the turf, died on the 18th of October, at the stable of James Hamill, N. Y., at the advanced age of thirty-four years. This extraordinary horse, a son of Grand Bashaw, was once the property of Gen. George Cadwallader, of Philadelphia, and it is said, while in his possession, trotted repeatedly a half mile in 1.03 and 1.09; and that on a private trial he performed his mile in harness in 2.26.

In many parts of New York the barley crop has proved a light one. Some of the farmers accuse it of running out; but we think it more likely that they have sown it once too often on the same ground, and have not taken pains enough to change their seed.

The citizens of Cleveland, Ohio, have taken the initiatory steps to establish an annual horse show at that city.

Peach Raising in Ohio.—The *Ohio Cultivator* says that the Brothers Loughry, of Adams county in that State, raised the present season 3600 bushels of peaches, which they sold in the Cincinnati market at an average of three dollars per bushel, amounting to \$10,000; which after deducting the expenses of gathering and marketing, leaves a net profit of \$9,000. This crop was obtained from about ten acres.

The Fall at Grand Traverse.—FRIEND JOHNSTONE.—As there was nothing of importance to communicate, I neglected to answer your queries about our Agricultural Society, and then forgot till your letter turned up to-day.

This is an entirely new country in which farms are, as yet, scarcely commenced; and no person has hitherto even proposed to establish an Agricultural Society. The surrounding counties, within a hundred miles on this side of Lake Michigan, are even in a more backward condition than this.

We had a dry spell of three weeks continuance in July, which retarded the growth of all vegetation, and buckwheat did not germinate till the close of it. But notwithstanding it is now ripe and will yield a good crop.

We have not yet had frost enough to kill tender vegetation; but for a week past rain fell every day, and the clouds prevented our seeing the comet for the last nine nights. Last year the first frost occurred on the fourth of October. Respectfully &c., H. R. SCHETTERLY.

Grand Traverse, Oct., 15th, 1853.

The Wayne County Agricultural Society.—A number of the leading farmers of Wayne county met at Plymouth village last month; and organized an Agricultural Society for the county of Wayne, the articles of association having been filed according to law in the office of the county clerk. The directors of this Society, it will be seen by the notice which we publish below, have issued a call for a meeting on Thursday the 2d of December at Plymouth, and arrangements are being made to have a meeting on that occasion, and to have it addressed by gentlemen interested in the agriculture of the county and of the State. We learn already that it is designed to have the first fair of the Society held at Plymouth, and to open competition to the counties in the immediate neighborhood. This is one of the subjects which will probably be discussed at the meeting. As all matters connected with election will then have subsided, we see no reason why there should not be a very general turn out, and that an organization should not be perfected which will be of general

advantage to the Farmers of Wayne. The notice for the meeting which has been handed to us is as follows:

TO THE CITIZENS AND FARMERS OF WAYNE COUNTY:

The undersigned, being five directors named in the articles of association of the Agricultural Society of Wayne county, filed in the office of the Clerk of the said county in pursuance of the act providing for such organizations, hereby give notice that a meeting of the members of said society will be held at the hotel in the village of Plymouth on Thursday the 2d of December at three o'clock in the afternoon, to take into consideration the choice of officers and the business arrangement of the Society for the ensuing year.

H. H. Emmons, Ecorse, John Allen, Plymouth,
H. O. Hanford, Plymouth, H. P. Sly, Plymouth,
Wm. Taft, Plymouth,
Plymouth, Oct. 25th, 1853.

The Messrs. Sly and Sons, of Plymouth, Wayne county, hold their first annual sale of a number of their their improved short horn stock on Thursday, Dec. 2, 1853, at their farm, about 2½ miles northeast of the village of Plymouth. Amongst the stock offered, are some of their choice cows, which have carried off the first premiums at the fairs, and some of the young stock, recently brought by them from New York.

The Markets.

Since we wrote last month, the decline which was then noticed, has continued, in nearly all kinds of agricultural produce. Nor does it seem that we can give any hope of an advance during the winter months. Indeed, farmers themselves begin to realize this, for we find the arrivals of flour and wheat by railroad at this point have very much decreased. Many dealers who bought large quantities of flour during the high prices, and paid for it here from \$5 75 to \$6, find this flour on their hands, in New York, and are not able to realize over \$5 50 for it there now. Their only chance of making both ends to meet is to purchase lots at low figures now, and thus endeavor to make their present purchases meet the loss, and make the average loss on the whole as light as possible. Some are able to do this; others are not so fortunate. We incline to the opinion that rates of all produce will advance in the spring, and therefore that is for the interest of those who have grain to hold it if they can. The foreign market does not afford the least hope that there will be any export demand of any consequence during the next three months, so that there is little chance of the eastern market being relieved of its present surplus.

The London Farmer's Magazine of October thus reports as to the condition of agricultural produce in the kingdom of Great Britain:

Harvest work in the United Kingdom has been brought to a gentle close under more favorable auspices than for many years past, with, perhaps the exception of 1857. Even in the north of Scotland the crops have been secured in good condition, and our accounts from thence are decidedly favorable as regards the yield of wheat. In Ireland, too, the produce appears to have exceeded previous expectations; and the accounts at hand from the principal growers in this country are of a character which fully bears out the statements we have already submitted to our readers under this head: in other words, the crop, though not equal to the quality produced last year, has turned out a fair average one. Notwithstanding, however, that there is no excess in the quantity grown, and that the supplies thrashed out have not been large, the wheat trade, during the whole of the month, has been in a most depressed state, and prices have given way fully 4s. to 5s. per quarter. The pressure of foreign qualities, and the fact (well known to the millers) that large quantities of old wheat are still in the hands of the farmers,

have, no doubt, had their accustomed influence upon the demand, even though consumption is admitted to be large. But the question has been seriously debated—we say seriously, because all spring corn is now so much dearer in proportion to wheat—whether the best kinds of food have seen their lowest range. Our millers, so far at least as London is concerned, have now very little competition to contend with: nevertheless, aware as they are that there is no want of supply, and that any demand on their part will be easily met, they have, as a body, declined to purchase more wheat than they can immediately convert into flour for present sale. A continuance of this state of things, with liberal importations from various quarters of the globe, must of necessity keep that trade in a state of abeyance; so that, although our impression is that prices will not rule much lower than at present, there is no immediate prospect of any decided upward movement in the quotations of wheat. For all kinds of spring corn there has been much less activity, both at Mark lane and in the purely agricultural markets. Buyers generally appear to consider that present quotations are very high when compared with wheat, and are determined, if possible, to reduce prices to what they term "a more natural level."

Numerous unfavorable reports in reference to the potato crop have come to hand from almost every district and county in the United Kingdom. Disease is said to have shown itself extensively amongst all the various varieties; but our impression is that not a few of the reports are too highly colored; of one thing we are certain, viz., that the total quantity of potatoes grown per acre this year is fully equal to any former season, and that the actual losses are far less serious than in 1857. Of course, the keeping quality of the root during the winter months has yet to be determined; but, from close observation, we should incline to the opinion that the supplies of good and sound qualities will considerably exceed either last year or the year before. An abundant supply of small potatoes during the winter will, as a matter of course, exercise much influence upon the value of wheat and, perhaps barley.

The great activity in commerce has imparted a most wholesome influence to the wool trade. Both in London and the provinces, very large quantities of wool have changed hands at further enhanced rates; and even now, there appears to be room for a further advance in the quotations, as the stocks everywhere are light, and as woollen goods are now disposed of as fast as they can be manufactured.

In Ireland and Scotland the wheat trade has been in a most inactive state and prices have further given way.—Spring corn, too, especially inferior barley and oats, may be considered cheaper. The shipmen to England have somewhat increased.

The wool market at the east is very firm, and we hear of parties from the east, coming this way to pick up parcels of fine wool which may not have passed out of the hands of the growers at better prices than have yet been given. All that we have heretofore said of the wool market has been realized, and even a little more. We think farmers would do well to hold on to their flocks of sheep, at least till after they are shorn next spring.

Beef is remarkably low, both here and at the east. The eastern markets during the period of low freights, have had such a superintendence thrust upon them, and drovers have been so anxious to sell that prices have gone down lower and lower. Here in this market good steers have been put down at 2 and 2½ cents per lb. live weight.—Good prime mutton sheep are still kept up at good rates. Mr. Smith, the butcher, purchased some head of splendid fat Leicester ewes in Canada last week, at \$8 per head.—These dress nearly 100 lbs. of mutton to the carcass, and retail at 10 cents per pound.—Good common sheep sell now at \$2 50 to \$3 50 per head.

Pork, we think, will be better in price as the season advances. There has been no overplus the past year, nor is there likely to be this year, if we may judge of the reports from the great hog regions.

Butter, Cheese, and Eggs are steady, and bring a little better as prices than they have been. For the actual price at the present time, we refer to the list.

The Markets.

BREADSTUFFS AND GRAIN.		SEEDS, PLASTER, SALT, &c.	
Flour, bbl.	\$4 25 a 5 00	Clover per bush.	\$4 00 a 5 00
Corrmeal, 100 lbs.	1 50 a	Timothy.	2 50 a 3 00
Buckwheat, 100 lbs.	0 00 a 0 00	Red top.	0 00 a 2 00
Wheat, red, bush.	0 95 a 1 02	Blue grass.	1 25 a 3 00
do white, bush.	0 95 a 1 04	Millet, 0 50	Hungarian grass \$3
Corn, bush.	0 55 a 0 60	Sandvaky plaster, bbl.	1 25 a
Oats, bush.	0 38 a 0 40	rand River.	1 50 a
Barley, per 100 lbs.	1 15 a 1 30	N Y Plaster.	1 15 a
BEEF, MUTTON, &c.		Sandvaky water lime, 1 50 a	
Beef on foot.	\$2 00 a 3 00	N Y do.	1 31 a
Beef dressed.	4 50 a 5 50	Salt fine bbl.	1 50 a
Sheep, dressed per lb.	0 3 ¾ a 0 05	do coarse.	1 75 a
Sheep on foot.	2 50 a 3 00	MISCELLANEOUS.	
Hogs pr lb 6c, pr 100.	5 00 a 5 50	Apples per bush.	0 00 a 0 00
Turkeys.	1 00 a 1 25	White fish, half bbl.	3 25 a
Chickens, pair.	0 25 a 3 7 ½	White beans per bush.	0 55 a 0 00
Geese.	3 7 ½ a 0 50	Sheep pelts.	0 25 a 0 30
Eggs per d z.	9 a	Hay, timothy, ton.	5 50 a 6 00
Butter, per lb fresh.	11 a 16	Common.	3 00 a 5 00
do skinned.	10 a 12	Honey.	14 a 0 16
Cheese per lb.	7 a 8	Potat es, new.	25 a 0 30

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THE HORTICULTURIST

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without a fear of failure on its part, to do all the proprietor claims for it.

Full directions accompanying each box; and all that is requisite is strictly to observe them, and a cure is certain to follow.

The proprietor refers to the following testimonials from gentlemen of character and standing, who have voluntarily given their certificates in its favor, in regard to its efficacy in their own cases. Read them.

The following is from one of the most reliable citizens of Chicago, the late Treasurer of Cook Co., Ill.:

CHICAGO, July 25, 1855.

DR. CAVANAUGH—Dear Sir, I wish hereby to make known to the afflicted that I have been troubled with the Piles for twenty years or upwards, and at times most severely. And during a recent and exceedingly painful attack, a friend procured a box of your Salve and asked me to give it a trial. I did so. Not, however, with the expectation of benefitting my disease, for truly, I had tried so many applications I had lost confidence in all. But in making use of your Salve, I soon found that it was doing me good; and really it is incredible to myself, that with only about two weeks use of your Salve, I am, so far as I can judge, a well man.

I most cheerfully make this statement, believing it due both to yourself and such as may be afflicted with the most trying and painful disease. I do not hesitate to say that I consider your preparation an invaluable remedy for the Piles.

Most sincerely yours,

H. N. KEALL.

The Hon. Richard Yates, late member of Congress from the Springfield, Ill., District, says:

JACKSONVILLE, Ill., Nov. 15, 1851.

DR. THOS. H. CAVANAUGH—Dear Sir: The preparation, Cavanaugh's Pile Salve, which you furnished, I found of great service producing an easy and speedy cure. I do not hesitate to recommend it as an invaluable remedy for the Piles.

Respectfully,

RICHARD YATES.

Also Dr. T. H. Cavanaugh's Celebrated

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Dec. 1yr

DR. T. R. CAVANAUGH, Sole Proprietor,
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